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**TRENDS IN FSP PARTICIPATION RATES:  
FOCUS ON AUGUST 1993**

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## EXECUTIVE SUMMARY

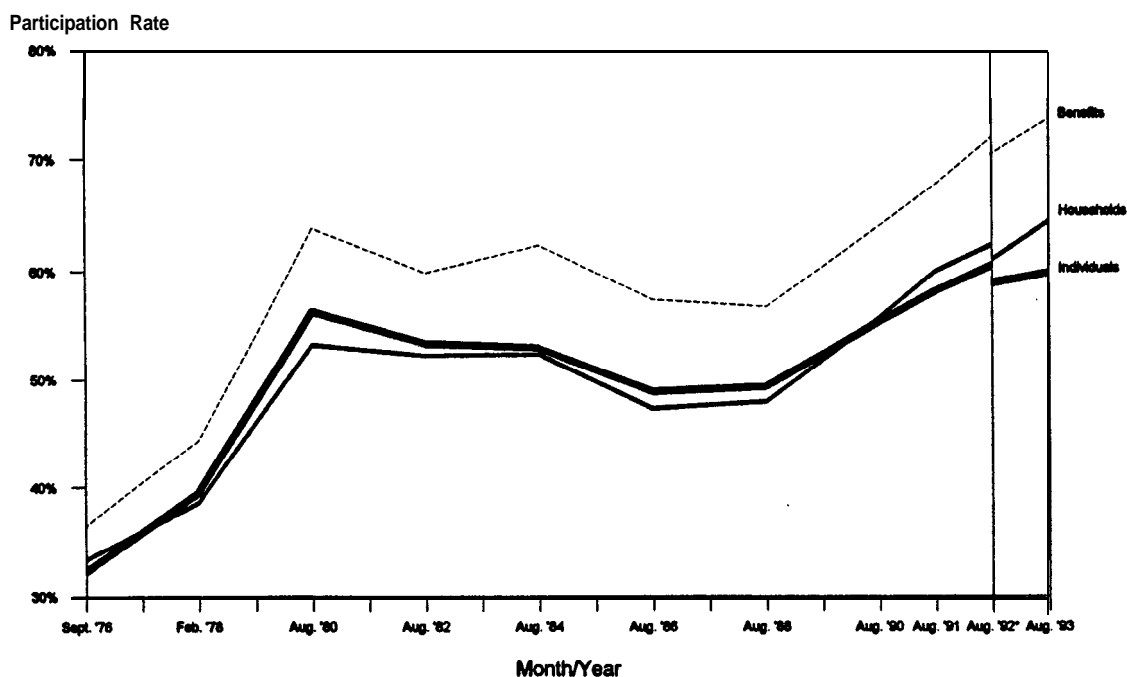
This report presents the latest trends in Food Stamp Program (FSP) participation rates. It focuses on changes in rates from 1988 to 1993, but also examines longer-term trends. Trends in aggregate rates and trends for subgroups of the eligible population are summarized in the text that follows and described fully in the body of this report. The rates are derived from the Current Population Survey (CPS) data for eligibles and FSP administrative data for participants.

### GENERAL TRENDS

FSP participation rates have risen steadily since 1988, as shown in the figure. Rates for eligible persons increased by 6 points from 1988 to 1990, by 3 points from 1990 to 1991, by 2 points from 1991 to 1992, and by 1 point from 1992 to 1993. The rise in rates since 1988 follows a slight decline in rates in the early 1980's, and no change between 1986 and 1988.

The substantial rise in participation rates since 1988 is the result of a surge in FSP participants relative to only a modest rise in eligibles. The number of participants has risen by 48 percent compared with only 22 percent for eligibles. About half of the rise in participants between 1988 and 1993 was a result of a higher participation rate among eligibles. This suggests that the program is reaching more eligible persons than ever before.

TRENDS IN FSP MONTHLY PARTICIPATION RATES,  
1976-1993



Source: Food Stamp Program operations data, March CPS data for the years shown.

\* There is a break in the time series in August 1992 due to revisions to the weighting process introduced in the March 1993 CPS.

## TRENDS FOR SUBGROUPS

Trends in participation rates for subgroups tend to follow overall trends. Since **1988**, rates for most subgroups have increased by about 11 points. However, rates for some groups increased substantially more or less than rates for other groups.

- ***Rates for Small Households Grew Faster Than Rates for Large Households.*** Between 1988 and 1993, the rate for households with one or two persons rose by about 20 points, while the rate for households with five or more persons held steady. Furthermore, the ratio of the average household size of participants to eligibles declined from 1.04 in 1988 to 0.92 in 1993.
- ***Rates for Children Increased More Than Rates for Elderly Persons.*** Between 1988 and 1993, the rate for children grew by 13 points (23 points for preschool age children), and the rate for elderly persons increased by only 4 points. The rate for elderly persons shows no consistent trend over this period and very little change **from** year to year. Overall participation rates are consistently higher (by over 40 points) for children than for elderly persons.
- ***Rates for the Poorest Persons Increased More Than Rates for Others.*** Between 1988 and 1993, the rate for persons in households in poverty increased by 14 points, compared with 5 points for persons in households not in poverty. Overall participation rates are much higher for those in poverty than for those not in poverty, and the gap has increased over time.
- ***Rates for Those Eligible for the Highest Benefits Have Risen the Most.*** Rates for those eligible for the highest benefits have risen steadily since 1988, while rates for those eligible for the lowest benefits have changed very little since 1988. This is not surprising, since rates for the poorest households have increased more than rates for others, and the poorest are eligible for the highest benefits.

## CPS- VERSUS SIPP-BASED ESTIMATES

This report presents trends in participation rates based on CPS data for the number of eligibles and FSP **administrative** data for the number of participants. These data sources provide a good measure of the change in rates over time. However, the rates are consistently underestimated because of limitations in the CPS data. FSP participation rates using the Survey of Income and Program Participation (**SIPP**) provide a more accurate measure of participation rates at a particular point in time because the **SIPP** data contain more of the **information** needed to estimate food stamp eligibility. However, **SIPP** data cannot support a historical comparison of rates over a longer period. Thus, the focus of this CPS-based series of rates is on overall **trends** in rates rather than levels. The most recent SIPP-based rates show that in January 1992, 74 percent of all **eligible** persons and 69 percent of all eligible households participated in the FSP, and the program distributed 82 percent of total potential benefits. (**Trippe** and Sykes, 1994).

## TRENDS IN FSP PARTICIPATION RATES: FOCUS ON AUGUST 1993

This report presents the latest trends in Food Stamp Program (**FSP**) participation rates. It focuses on changes in rates **from** 1988 to 1993, but also examines longer-term trends. This information updates a continuing time series of rates beginning with 1976.<sup>1</sup> The rates are derived **from** the Current Population Survey (CPS) data for eligibles and FSP administrative data for participants. The CPS contains information to estimate the number of FSP eligibles over many years, but because of limitations in the data participation rates are consistently underestimated. FSP participation rates using the Survey of Income and Program Participation (**SIPP**) (Trippe and Sykes, 1994) provide a more accurate measure of participation rates at a particular point in time, but cannot support a historical comparison of rates over a longer period. Thus, the focus of this CPS-based series of rates is on overall trends in rates rather than levels.

We discuss trends in aggregate rates, and trends for subgroups of the eligible population. We also review the methodology for estimating the rates. Tables and figures appear at the end of each section to which they apply.

### A. TRENDS IN AGGREGATE RATES

FSP participation rates continued to rise in 1993 but did so at a slower pace than in the past few years. From 1992 to 1993, participation rates **for** individuals increased by 1 percentage point; for households, by 2 percentage points; and for benefits, by 3 percentage points (Table 1).<sup>2</sup> The household rate continued to rise above the individual rate, and the benefit rate continued to increase more than both the individual and

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<sup>1</sup>The analysis of trends in FSP participation rates began with the study *Trends in FSP Participation Rates: 1976 to 1990* (Trippe, Doyle, and Asher 1992). We added August 1991 rates to the analysis in Trippe (1993) and August 1992 rates in Trippe (1994). We used the same methodology to estimate the 1993 rates as we used to estimate all the earlier rates.

<sup>2</sup>Each table and figure in this report contains both an original 1992 estimate that is based on the original March 1993 CPS file and a revised 1992 estimate that is based on the reweighted March 1993 CPS file (see Section D).

the household rate. The rise in participation rates since 1988 follows a slight decline in rates in the early 1980's, and no change between 1986 and 1988. These trends, discussed in detail in this section, are illustrated in Figure 1.

### 1. FSP Participation Rates Continued to Rise in 1993, but at a Slower Pace

FSP participation rates rose **from** 1992 to 1993, but less than in the past few years. In fact, participation rates have grown by increasingly smaller amounts each year since the initial surge between 1988 and 1990. The participation rate for eligible persons increased by 6 points from 1988 to 1990, by 3 points from 1990 to 1991, by 2 points **from** 1991 to 1992, and by only 1 point **from** 1992 to 1993, as shown in the table **below**.<sup>3</sup> The slower growth in participation rates is the result of a slow-down in the growth of participants relative to the growth of eligibles.

CHANGE IN **INDIVIDUAL** FSP PARTICIPATION RATES  
1988 to 1993

Time Period	Change in Participation Rates	Increase <b>in</b> Participants	Increase in Eligibles
1988-1990	6.1 points	11.1%	-1.1%
1990-1991	2.8 points	14.6%	9.1%
1991-1992	2.3 points	10.3%	5.9%
1992-1993	1.0 points	5.8%	4.1%

<sup>3</sup>**Notice** that the **6-point** increase between 1988 and 1990 is for 2 years, compared with the **3-point** increase between 1990 and 1991. **If** the increase between 1988 and 1990 is evenly divided between the two years, then participation rates rose 3 points each year between 1988 and 1990, and this growth did not begin to slow down until **after** 1991.



## **2. Household Rate Continued to Rise More Than the Individual Rate**

The household participation rate **first** rose above the individual rate in **1990** and has continued to rise faster than the individual rate since 1990, as illustrated in Figure 1. Between 1992 and 1993, the household rate increased by 2.4 points, compared with 1 .0 point for the individual rate. This trend implies that small households are participating at increasingly higher rates than large households.

## **3. Benefit Rate Continued to Rise More Than Individual and Household Rates**

The benefit participation rate is the amount of benefits issued as a percentage of total potential benefits. This rate has consistently been higher than the individual and household rates, and since 1991, it has risen faster than the other two. Between 1992 and 1993, the benefit rate increased by 2.9 points, compared with 2.4 points for the household rate and 1 .0 point for the individual rate. The increasingly higher benefit rate implies that households eligible for the highest benefits are entering the program faster than those eligible for lower benefits. The evidence for this trend in an increase in high-benefit participating households is discussed in Section C.

## **4. Effect of Participation Rates on Program Growth**

The number of FSP participants has grown substantially since 1988, increasing by 8.9 million persons from August 1988 to August 1993. About half of the increase in participants was due to the rise in the participation rate, and the other half was due to the rise in **eligibles**.<sup>4</sup> Specifically, 46 percent of the rise in the number of participants from 1988 to 1993 was due to a higher participation rate among 1988 eligibles, and 44 percent was due to an increase in the number of eligibles participating at the 1988 rate. The remaining increase in participants (10 percent) was due to an increase in eligibles participating at a higher rate.

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<sup>4</sup>Between August 1988 and August 1991 (the period of largest growth in the program) 66 percent of the increase in participants was due to an increase in the participation rate.

TABLE 1  
MONTHLY NUMBER OF ELIGIBLES, PARTICIPANTS AND PARTICIPATION RATES  
FOR INDIVIDUALS, HOUSEHOLDS, AND BENEFITS,  
1976-1993  
(Thousands)

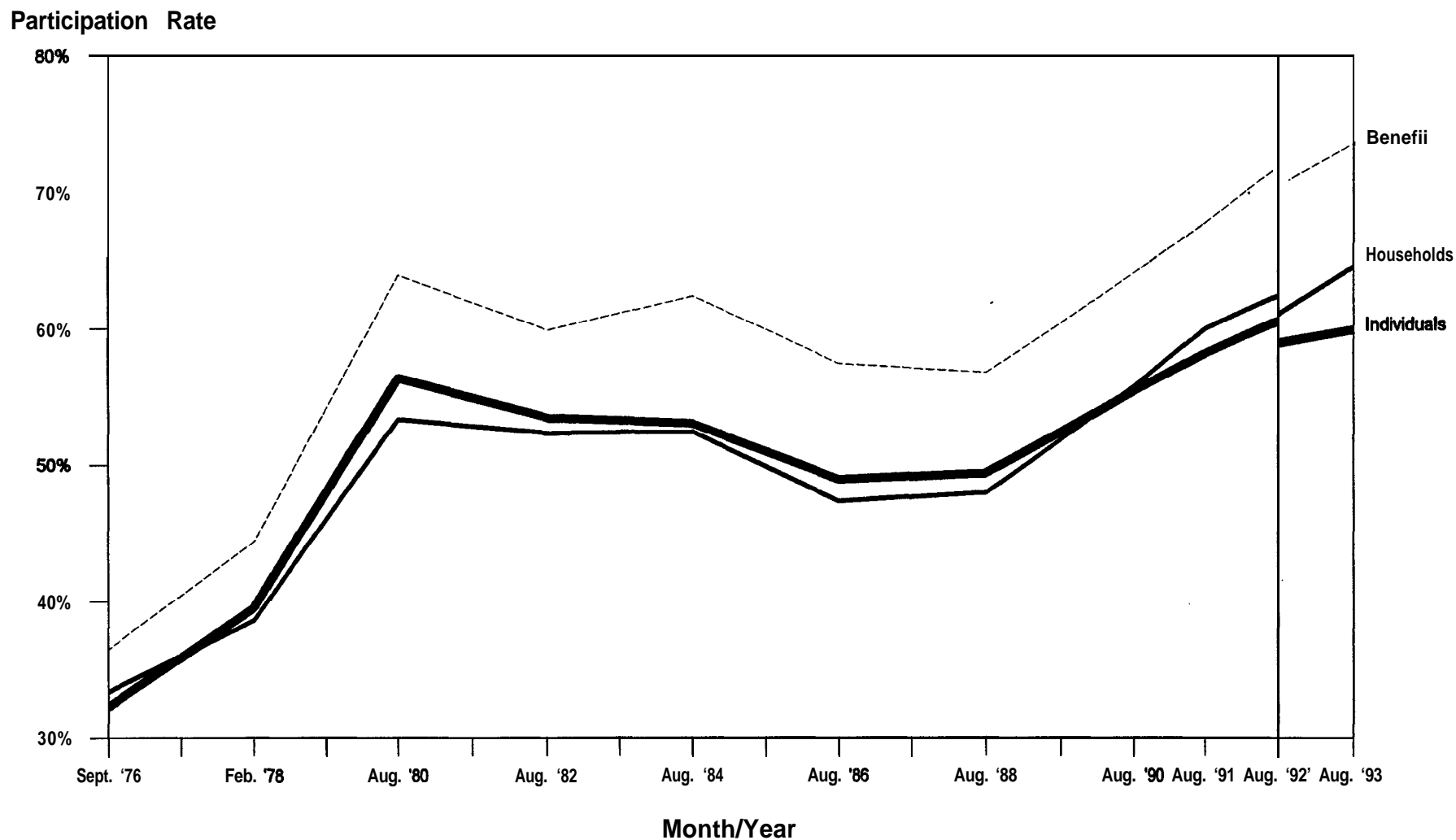
	Eligibles (CPS)			Participants (Program Operations)			Participation Rates		
	Individuals	Households	Benefits	Individuals	Households	Benefits	Individuals	Households	Benefits <sup>a</sup>
Sept. 1976	49,200	15.888	<b>\$1,027,127</b>	15.880	5,308	\$375.461	32.3	33.4	36.6
Feb. 1978	38,948	13.706	898,328	15.387	5,286	398.066	39.5	38.6	44.3
Aug. 1980	35.819	13,839	<b>1,078,732</b>	20.185	7,372	689.381	56.4	53.3	63.9
Aug. 1982	38.481	14,328	<b>1,312,883</b>	20,548	7,487	785,658	53.4	52.3	59.8
Aug. 1984	37,751	13.987	<b>1,349,598</b>	19,990	7,324	841,442	53.0	52.4	62.4
Aug. 1986	39,944	15.032	<b>1,499,189</b>	19,069	7.102	868,472	48.8	47.3	57.4
Aug. 1988	37.206	14.640	<b>1,597,915</b>	18,358	7.016	907.117	49.3	47.9	56.8
Aug. 1990	36.811	14,309	<b>1,855,529</b>	20.3%	7,973	<b>1,188,808</b>	55.4	55.7	64.1
Aug. 1991	40,163	15,354	<b>2,172,251</b>	23,364	9.204	<b>1,471,406</b>	58.2	59.9	67.7
Aug. 1992 (o) <sup>b</sup>	42.551	16,412	<b>2,434,061</b>	25,759	10.238	<b>1,749,058</b>	60.5	62.4	71.9
Aug. 1992 (r) <sup>b</sup>	43,474	16.627	<b>2,491,671</b>	25,759	10.238	<b>1,749,058</b>	59.3	61.6	70.2
Aug. 1993	45,241	17.03 1	<b>2,515,761</b>	27,260	10,900	<b>1,839,469</b>	60.3	64.0	73.1
Change (1992(r) to 1993)	4.1%	2.4%	0.97%	5.8%	6.5%	5.2%	1.0 point	2.4 points	2.9 points

SOURCE: Food Stamp Program operations data, not adjusted for issuance errors. Special tabulations from IQCS data. FSP eligibility files created from Match CPS data for the years shown.

The benefit rate for 1976 and 1978 (pre-EPR periods) is based on the net benefit (maximum benefits-purchase requirement). Hence, the benefit rates are consistent over all years.

<sup>a</sup>There are two estimates for August 1992 due to the revised weighting process introduced by the Bureau of the Census in the March 1993 CPS. The original estimate (o) uses 1980 census population controls, and the revised estimate (r) uses 1990 census population controls and includes an adjustment for the census undercount.

**FIGURE 1**  
**TRENDS IN FSP MONTHLY PARTICIPATION RATES,**  
**1976- 1993**



Source: Food Stamp Program operations data, March CPS data for the years shown.

• There is a break in the time series in August 1992 due to revisions to the weighting process introduced in the March 1993 CPS.

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## B. REASONS FOR THE SLOWER RISE IN AGGREGATE RATES

The surge in participants and thus **participation** rates after 1988 can be attributed to a worsening economy and other factors such as expansions in Medicaid, increased access to FSP offices, and liberalized immigration **legislation**.<sup>5</sup> As shown in Figure 2, the rise in participation rates began about a year before the recession began.<sup>6</sup> This is likely because Medicaid expansions began as early as 1988, and the effects of the recession were felt in many areas of the country before the recession was indicated by national measures.

After 1991, the economy began to recover, expansions in Medicaid slowed down, and the rise in new participants and participation rates slowed down. Although the poverty and unemployment rates were still rising after 1991, they showed improvement when compared to 1990. For example, the poverty rate increased by .7 points from 1990 to 1991 but did so by only .3 points between 1991 and 1992, and by .3 points between 1992 and 1993 (**Table 2**). Similarly, the unemployment rate, which increased by 1.2 points between 1990 and 1991, rose only .7 points between 1991 and 1992, and **declined** by .6 points between 1992 and 1993. Other measures, such as increases in U.S. productivity and real gross domestic product, have also improved greatly since 1991. The number of Medicaid recipients, which increased by 12.0 percent between 1990 and 1991, grew by 10.1 percent between 1991 and 1992, and by 7.3 percent between 1992 and 1993.

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<sup>5</sup>See also McConnell (199 1).

<sup>6</sup>The recession officially began in July 1990 and ended in March 1991, according to the National Bureau of Economic Research.

TABLE 2

## MAJOR ECONOMIC INDICATORS, CALENDAR YEARS 1986-1993

	Calendar Years									Difference (1992(r) to 1993)
	1986	1987	1988	1989	1990	1991	1992 (0)	1992(r)	1993	
Poverty Rate	13.6	13.4	13.1	12.8	13.5	14.2	14.5	14.8	15.1	0.3 points
Unemployment Rate <sup>c</sup>	7.0	6.2	5.5	5.3	5.5	6.7	7.4	7.4	6.8	-0.6 points
Inflation Rate <sup>b</sup>	2.6	3.2	3.9	4.4	4.3	4.1	2.6	2.6	2.5	-0.1 points
Real GDP Increase <sup>c</sup>	2.9	3.1	3.9	2.5	0.8	-1.2	2.6	2.6	2.9	0.3 points
Productivity Increase <sup>d</sup>	2.0	1.0	0.9	0.8	0.3	0.3	2.8	2.8	3.6	0.8 points
Number of Persons in Poverty (thousands)	32,370	32,546	31,878	31,487	33,585	35,708	36,880	38,015	39,265	3.3 percent

SOURCE: First and last lines of data: U.S. Bureau of the Census, Current Population Report, Series P-60.  
 Second through fifth lines of data: ***Economic Report of the President***, Washington, DC, February 1994.

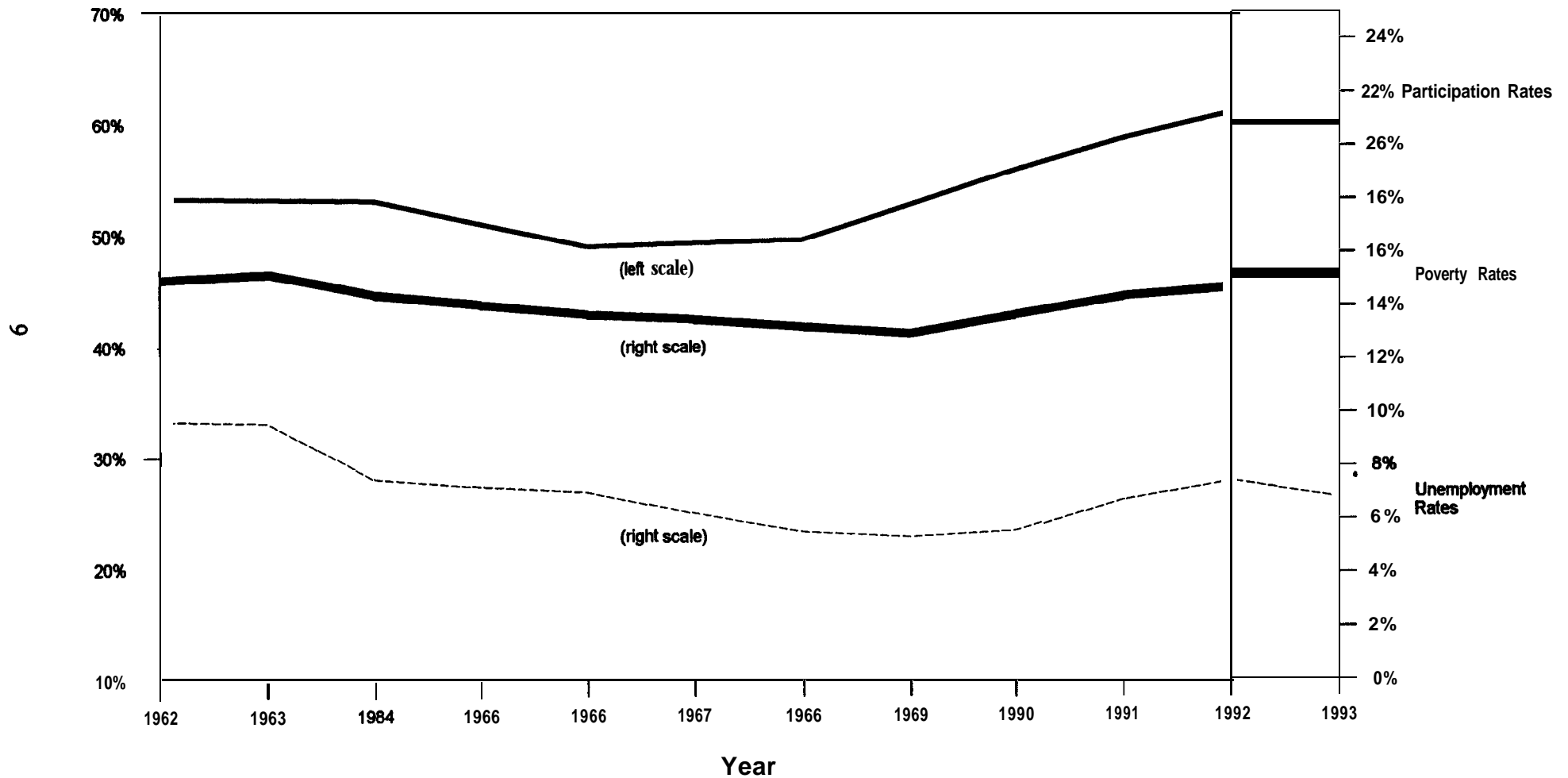
<sup>c</sup>All civilian workers, Table B.33.

<sup>b</sup>Change in implicit price deflator for Gross Domestic Product, Table B.3.

<sup>c</sup>Percent change from preceding period, Table B.2.

<sup>d</sup>Percent change in output per hour, business sector, Table B.48.

**FIGURE 2**  
**TRENDS IN PARTICIPATION RATES,**  
**POVERTY RATES, AND UNEMPLOYMENT RATES**  
**1982-I 993**



SOURCE: Food Stamp Program operations data, March CPS data for the years shown. Poverty rates from U.S. Bureau of the Census, Current Population Reports, Series P-60.

Unemployment rates from "Economic Report of the President", Washington, DC, February 1994.

. There is a break in the time series in 1992 due to revisions to the weighting process introduced in the March 1993 CPS.

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## **C. TRENDS IN RATES FOR SUBGROUPS OF THE ELIGIBLE POPULATION**

Trends in participation rates for subgroups tend to follow overall trends. Therefore, between 1992 and 1993, rates for most subgroups increased slightly--by about 1 percentage point. However, rates for *some groups increased* (or decreased) substantially, continuing existing trends in most cases but in others, indicating possible new trends. This section discusses trends in rates for demographic and economic subgroups. Supporting data for the trends are shown in Tables 3 through 5 and illustrated in Figures 3 through 8.

### **1. Demographic Subgroups**

#### **a. Participation Rate of Small Households Continued to Grow**

In 1993, small households (households with one or two persons) continued to participate at increasingly higher rates than large households (households with five or more persons), as shown in Figure 3. Between 1992 and 1993, the participation rate of small households rose by almost 4 points, while the rate of large households fell by 1 point.<sup>7</sup>

The participation rate of small households has grown faster than the rate of large households since 1988. The faster rise in the rate for small households is supported by the finding that the average household size of participating households is declining relative to the size of eligible households, as shown in Table 3. The ratio of the average household size of participants to eligibles has declined from 1.04 in 1988 to 0.92 in 1993.

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<sup>7</sup>Despite the substantial difference between participation rates of the largest and smallest households, participation rates are consistently the highest for households that contain three persons and then decline as household size increases.

**b. Rates for Preschool-Age Children Continued to Rise, and Rates for School-Age Children Dropped**

From 1988 to 1990, participation rates for preschool-age and school-age children increased similarly, by 5 to 6 points. However, since 1990, participation rates for preschool-age children have surged, and rates for school-age children have risen more slowly. The divergence is illustrated in Figure 4. This trend continued **from** 1992 to 1993. Rates for preschool-age children increased by 4 points between 1992 and 1993, and rates for school-age children declined by 2 points (Table 4). Resulting overall participation rates for children held steady from 1992 to 1993.

**c. Rates for Elderly Persons Grew but Showed No Consistent Trend**

Participation rates for elderly persons show no consistent trend from 1988 to 1993. Rates increased by 3 points between 1988 and 1990, held steady between 1990 and 1991, decreased by 2 points between 1991 and 1992, and increased by 3 points between 1992 and 1993. Therefore, the three-point increase in participation rates for elderly **persons** between 1992 and 1993 is likely only a single-year change.

**d. Rates Surge for Hispanics, but Hold Steady for Blacks and Whites**

Participation rates for Hispanics surged by 8 points between 1992 and 1993, while rates for black **non-**Hispanics and white non-Hispanics did not change (Table 4 and Figure 5). The sharp increase in the participation rate for Hispanics was caused by a 27 percent increase in Hispanic participants between 1992 and 1993, compared with a 6 percent increase in Hispanic eligibles. This large increase in newly participating Hispanics may be a result of more eligible Hispanics applying for food stamps as they become legal residents under legislation such as the Immigration Reform and Control Act (**IRCA**).

Except **for** a drop between 1991 and 1992, participation rates for Hispanics have been rising steadily since 1988. Thus, it appears that the drop in rates between 1991 and 1992 was an exception to the rising trend.

## 2. Economic Subgroups

Most of the trends in participation rates by household income, benefit levels, and income source since 1988 have continued **from** 1992 to 1993.

### a. Rates Increase the Most for the Poorest

Participation rates of persons in households with a gross income below the poverty level increased by 2 percentage points from 1992 and 1993. **Rates** for those in households with a gross income above the poverty level remained steady, as shown in Table 5. Participation rates for those in poverty have increased steadily since 1988. Rates for those not in poverty increased between 1988 and 1991, and then fell **from** 1991 to 1992 before leveling off between 1992 and 1993.

Rates for those in the very poorest households increased more than rates for those in other poor households between 1992 and 1993. The rate for those with the lowest income (in households with a gross income between 1 and 50 percent of the poverty level) increased by 7 points, while the rate for those with a higher income (in households with a gross income between 51 and 100 percent of the poverty level) increased by only 1 point (see tables in Appendix D).

### b. Rates Continue to Increase for Those Eligible for the Highest Benefits

Since those with the lowest income are eligible for the highest benefits, it is not surprising that the increase in rates for those with the lowest incomes is associated with an increase in rates for those eligible for the highest benefits. From 1992 to 1993, participation rates for those eligible for high benefits (between 51 percent and 99 percent of the maximum benefit) increased by 2 points, and rates for those eligible for low benefits (between 1 percent and 50 percent of the maximum benefit) held steady, as illustrated in Figure 7. Rates for those eligible for the highest benefits have been rising since 1988, while **rates for those eligible for the lowest benefits have changed very little since 1988.**

Table 5 shows that there is a pattern in the relationship between rates and potential benefits for which a household is eligible: rates rise as this potential benefit rises. In 1993, persons eligible for the lowest benefits had the lowest participation rate (27 percent), and these rates increase as benefits rise, reaching 96 percent for those eligible for the highest benefits.<sup>8</sup>

**c. Participation Rates Continue to Surge for Those with Unemployment Compensation and Rise Slowly for Those with Earnings**

Except for a slight decline between 1990 and 1991 (by 2 points), participation rates of persons in households with unemployment compensation have surged since 1988, as shown in Figure 8. Rates increased by 6 points **from 1988 to 1990, 4 points from 1991 to 1992**, and by **8 points from 1992 to 1993**. The rate is rising because the number of participants **with** unemployment compensation is increasing while the number of eligibles with unemployment compensation is decreasing. This implies that as the economy improves and some people find jobs, others who still receive unemployment compensation are applying for food stamps.

The participation rate for persons in households with earnings increased slightly (by **1 point**) from 1992 to 1993. It has been steadily but slowly increasing since 1988, 'a trend that reflects the escalating dependence of the working poor on food assistance as the value of their real earnings erodes.

**d. Rates Continue to Rise for Those Receiving AFDC and SSI**

Except for a decline between 1990 and 1991 (by 7 points), participation rates for persons in households receiving AFDC benefits have increased steadily since 1988, rising by 6 points from 1988 to 1990, by 9 points **from 1991 to 1992 and by 7 points** from 1992 and 1993. Similarly, rates for persons in

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<sup>8</sup>The only exception to this pattern is the decline for those in households entitled to the maximum benefit allotment. These are households with zero net income and are being examined in a separate study being conducted by MPR

households with SSI have increased most years since ~~1988--~~by 16 points from 1988 to 1990, by 6 points from 1991 to 1992 and by 5 points from 1992 to 1993 (but decreased by 13 points ~~from~~ 1990 to 1991).

We include rates for persons in households receiving AFDC and SSI benefits for the years 1988 to 1993 in this report,' although we did not do so in the past because AFDC and SSI income is substantially underreported in the CPS data. As a result of underreporting, the rates for persons in households receiving AFDC benefits exceed 100 percent. However, we can still assess trends in these rates despite the underreporting because the rates are estimated in the ~~same way~~ for all years.

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<sup>9</sup>~~Because~~ the availability of data was limited, ~~we~~ estimated rates for AFDC and SSI recipients for these years only.

TABLE 3

HOUSEHOLD PARTICIPATION RATES BY HOUSEHOLD SIZE,  
1976-1993

	Household Size (Number of Persons)							Average Household Size		
	1	2	3	4	5	6+	Total	Eligibles	Participants	Participants/ Eligibles
Sept. 1976	31.7	36.3	40.8	31.7	28.3	30.8	33.4	3.1	3.0	0.97
Feb. 1978	33.2	38.9	45.5	37.5	41.2	43.9	38.6	2.8	2.9	1.04
Aug. 1980	44.5	49.8	65.3	59.8	63.3	63.6	53.3	2.6	2.7	1.04
Aug. 1982	47.6	46.3	64.7	57.5	65.4	46.3	52.3	2.7	2.7	1.00
Aug. 1984	50.6	46.4	59.0	53.4	57.7	56.4	52.4	2.7	2.7	1.00
Aug. 1986	41.1	45.1	56.5	55.5	50.9	47.5	47.3	2.6	2.7	1.04
Aug. 1988	41.5	47.6	63.2	50.7	46.9	46.7	47.9	2.5	2.6	1.04
Aug. 1990	47.6	60.6	72.9	57.4	60.4	38.7	55.7	2.6	2.5	1.00
Aug. 1991	53.0	63.9	78.9	59.9	53.5	49.5	59.9	2.6	2.5	0.96
Aug. 1992 (o) <sup>a</sup>	58.9	64.3	74.6	65.7	55.2	47.7	62.4	2.6	2.6	0.96
Aug. 1992 (r) <sup>a</sup>	59.0	63.7	72.8	63.8	53.8	46.0	61.6	2.6	2.5	0.96
Aug. 1993	59.1	71.1	78.6	64.9	49.3	48.7	64.0	2.7	2.5	0.92
Difference (1992 to 1993)	0.1	7.4	5.9	1.1	4.5	2.7	2.4	0.1	0.0	NA

SOURCE: Food Stamp Program operations data, not adjusted for issuance errors. Special tabulations from IQCS data. FSP eligibility files created from March CPS data for the years shown.

<sup>a</sup>There are two estimates for August 1992 due to the revised weighting process introduced by the Bureau of the Census in the March 1993 CPS. The original estimate (o) uses 1980 census population controls and the revised estimate (r) uses 1990 census population controls and includes an adjustment for the census undercount.

TABLE 4

## INDIVIDUAL PARTICIPATION RATES BY SELECTED DEMOGRAPHIC CHARACTERISTICS, 1976-1992

	Individual Participation Rates (Percent)												
	Sept. 1976	Feb. 1978	Aug. 1980	Aug. 1982	Aug. 1984	Aug. 1986	Aug. 1988	Aug. 1990	Aug. 1991	Aug. 1992		Aug. 1993	Difference (1992 to 1993)
										(o) <sup>b</sup>	(r) <sup>b</sup>		
Elderly	22.5	23.3	31.8	28.0	29.2	25.4	24.1	27.3	27.0	25.5	25.7	28.3	2.5
Living Alone	26.0	28.1	36.7	35.0	36.4	28.0	29.2	31.4	30.7	32.0	32.3	33.6	1.3
Living with Others	19.6	19.3	26.6	21.6	21.6	22.2	17.9	22.0	22.3	17.8	18.0	22.0	4.0
Children	39.3	49.3	72.8	67.7	66.0	61.7	62.1	67.9	73.7	77.2	74.9	74.6	-0.3
Preschool (under age 5)	38.5	45.4	76.4	68.2	66.9	65.7	63.4	68.7	82.0	86.1	82.7	86.6	3.9
School-Age (age 5-17)	39.6	50.8	71.2	67.4	65.7	59.9	61.5	67.5	69.5	72.5	70.7	68.7	-2.0
Adults Ages 18 to 59	27.7	35.0	50.8	50.0	49.1	45.7	47.1	53.6	54.3	57.7	56.3	57.5	1.2
Household Composition <sup>a</sup>													
Single Adults with Children	54.6	56.4	74.8	64.5	63.9	58.0	64.6	72.9	72.1	75.7	73.7	73.2	-0.5
Single female with children	NA	58.1	NA	66.8	67.3	61.4	69.0	76.8	76.5	82.2	80.1	79.2	-0.9
Single male with children	NA	27.4	NA	35.0	24.0	22.0	21.4	34.1	30.5	27.7	27.0	27.9	0.9
Two or More Adults with Children	24.9	35.7	54.3	52.6	55.8	53.0	47.7	49.2	57.1	56.9	55.1	57.4	2.3
Households without Children	22.7	24.3	36.9	40.7	33.3	30.2	30.7	36.9	35.8	38.0	38.0	39.9	1.9
Race/Ethnicity of Head <sup>a</sup>													
White Non-Hispanic	NA	32.6	NA	36.6	44.0	41.8	43.5	48.5	53.0	53.1	53.4	53.3	-0.1
Black Non-Hispanic	NA	53.2	NA	86.1	72.8	66.3	63.4	72.7	69.0	81.1	80.0	80.0	0.0
Hispanic	NA	43.7	NA	50.2	50.0	39.2	43.9	49.9	52.7	46.8	42.9	51.1	8.2
Other	NA	38.0	NA	73.9	48.5	63.6	43.1	42.1	59.0	69.1	63.2	58.0	-5.3
Male	NA	36.9	NA	50.4	50.7	46.8	46.2	52.0	54.9	58.3	57.0	58.6	1.7
Female	NA	41.5	NA	55.7	53.6	50.4	51.7	57.9	60.6	62.2	61.0	61.4	0.4
Total	32.3	39.5	56.4	53.4	53.0	48.8	49.3	55.4	58.2	60.5	59.3	60.3	1.0

SOURCE: Food Stamp Program operations data, not adjusted for issuance errors. Special tabulations from IQCS data. FSP eligibility files created from March CPS data for the years shown.

<sup>a</sup>FSP participant data are not available (or contain too many missing values) for 1976 and 1980 for those entries marked as NA.

<sup>b</sup>There are two estimates for August 1992 due to the revised weighting process introduced by the Bureau of the Census in the March 1993 CPS. The original estimate (o) uses 1980 census population controls and the revised estimate (r) uses 1990 census population controls and includes an adjustment for the census undercount.

TABLE 5

## INDIVIDUAL PARTICIPATION RATES BY SELECTED ECONOMIC CHARACTERISTICS OF THE HOUSEHOLD, 1976-1993

	Individual Participation Rates (Percent)												Difference (1992 to 1993)
	Sept. 1976	Feb. 1978	Aug. 1980	Aug. 1982	Aug. 1984	Aug. 1986	Aug. 1988	Aug. 1990	Aug. 1991	Aug. 1992		Aug. 1993	
										(o) <sup>b</sup>	(r) <sup>b</sup>		
<b>Household Income as a Percentage of Poverty</b>													
Total ≤ 100%	46.1	55.2	72.6	66.1	65.4	60.2	62.0	68.3	71.1	75.6	73.9	75.9	2.0
Total > 100	8.9	10.3	20.7	13.8	13.7	12.4	13.6	17.7	19.7	18.3	18.0	18.1	0.1
<b>Household Income<sup>c</sup></b>													
Earnings	15.6	18.5	30.1	29.9	30.4	28.7	28.8	29.7	33.3	35.7	34.7	35.4	0.7
Unemp. Comp.	NA	29.8	NA	23.9	24.4	24.2	19.6	25.7	23.5	27.7	27.0	34.8	7.8
AFDC	NA	NA	NA	NA	NA	NA	102.9	109.3	102.7	111.7	108.4	114.9	6.5
SSI	NA	NA	NA	NA	NA	NA	65.8	82.1	69.1	75.2	74.1	78.9	4.8
<b>Monthly Household Benefits as a Percentage of Maximum Benefit</b>													
1 - 25%	11.4	18.2	27.8	27.5	20.8	22.5	22.9	24.9	27.7	30.2	30.0	27.1	-2.9
26 - 50%	37.4	45.6	62.4	50.5	53.5	46.1	47.3	46.5	48.4	42.4	41.6	44.0	2.4
51 - 75%	52.2	62.6	85.7	78.6	69.5	64.8	65.7	65.9	64.8	78.1	76.1	80.7	4.6
76 - 99%	48.5	56.3	55.3	77.0	95.1	77.1	75.3	90.5	93.5	99.7	96.8	96.1	-0.7
100%	12.6	21.9	38.9	35.7	39.5	41.2	38.0	47.5	51.2	49.6	48.4	52.4	4.0
Total	32.3	39.5	56.4	53.4	53.0	48.8	49.3	55.4	58.2	60.5	59.3	60.3	1.0

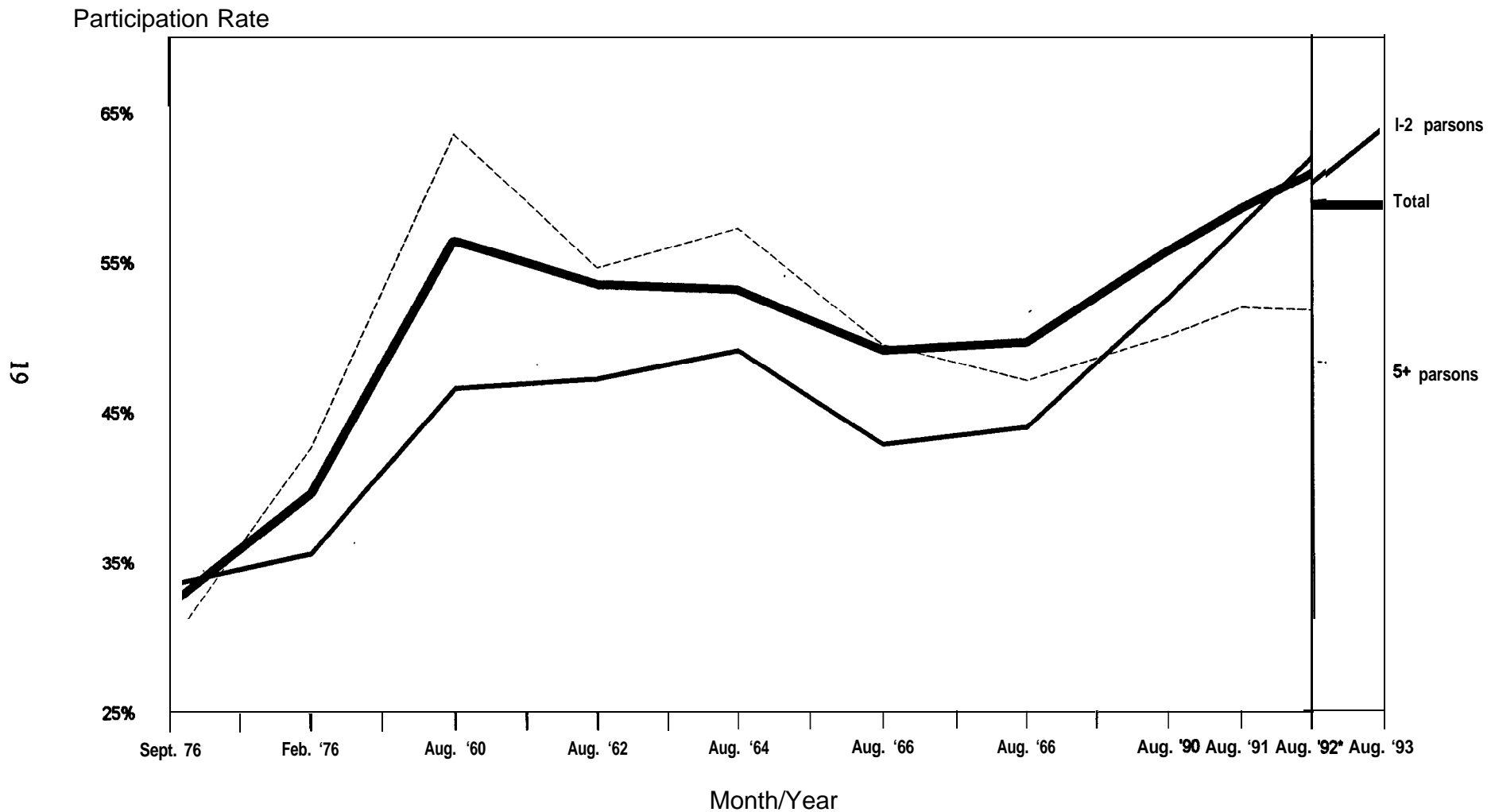
SOURCE: Food Stamp Program operations data, not adjusted for issuance errors. Special tabulations from IQCS data. FSP eligibility files created from March CPS data for the years shown.

<sup>c</sup>FSP participant data are not available (or contain too many missing values) for 1976 and 1980 for those entries marked as NA.

<sup>b</sup>There are two estimates for August 1992 due to the revised weighting process introduced by the Bureau of the Census in the March 1993 CPS. The original estimate (o) uses 1980 census population controls, and the revised estimate (r) uses 1990 census population controls and includes an adjustment for the census undercount.



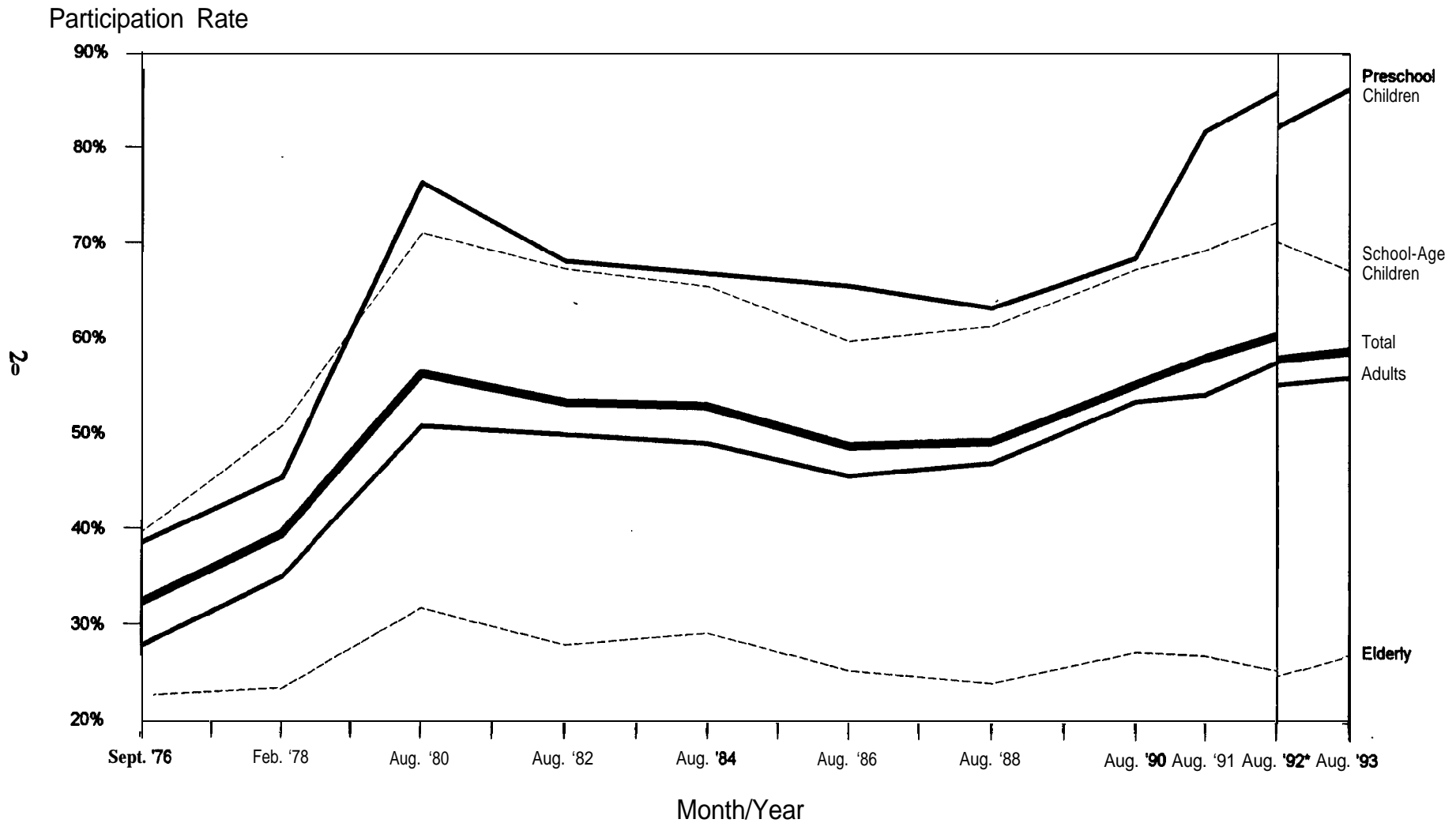
**FIGURE 3**  
**TRENDS IN PARTICIPATION RATES BY HOUSEHOLD SIZE,**  
**1976-1 993**



Source: Food Stamp Program operations data, March CPS data for the years shown.

\* There is a break in the time series in August 1992 due to revisions to the weighting process introduced in the March 1993 CPS.

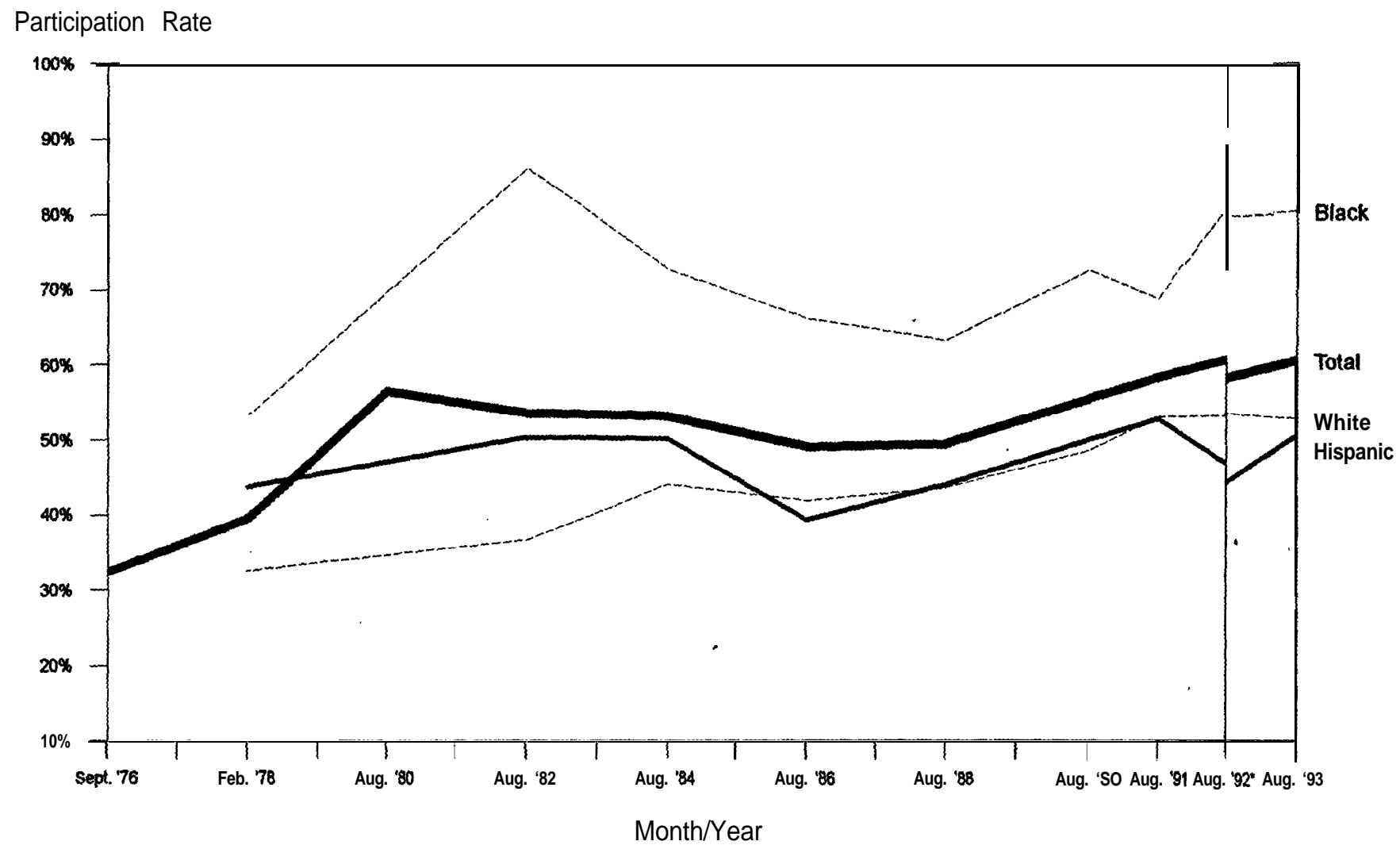
**FIGURE 4**  
**TRENDS IN PARTICIPATION RATES BY AGE GROUPS,**  
**1976-I 993**



Source: Food Stamp Program operations data, March CPS data for the years shown.

- There is a break in the time series in August 1992 due to revisions to the weighting process introduced in the March 1993 CPS.

FIGURE 5  
PARTICIPATION RATES BY RACE OF HOUSEHOLD HEAD,  
1976-1993

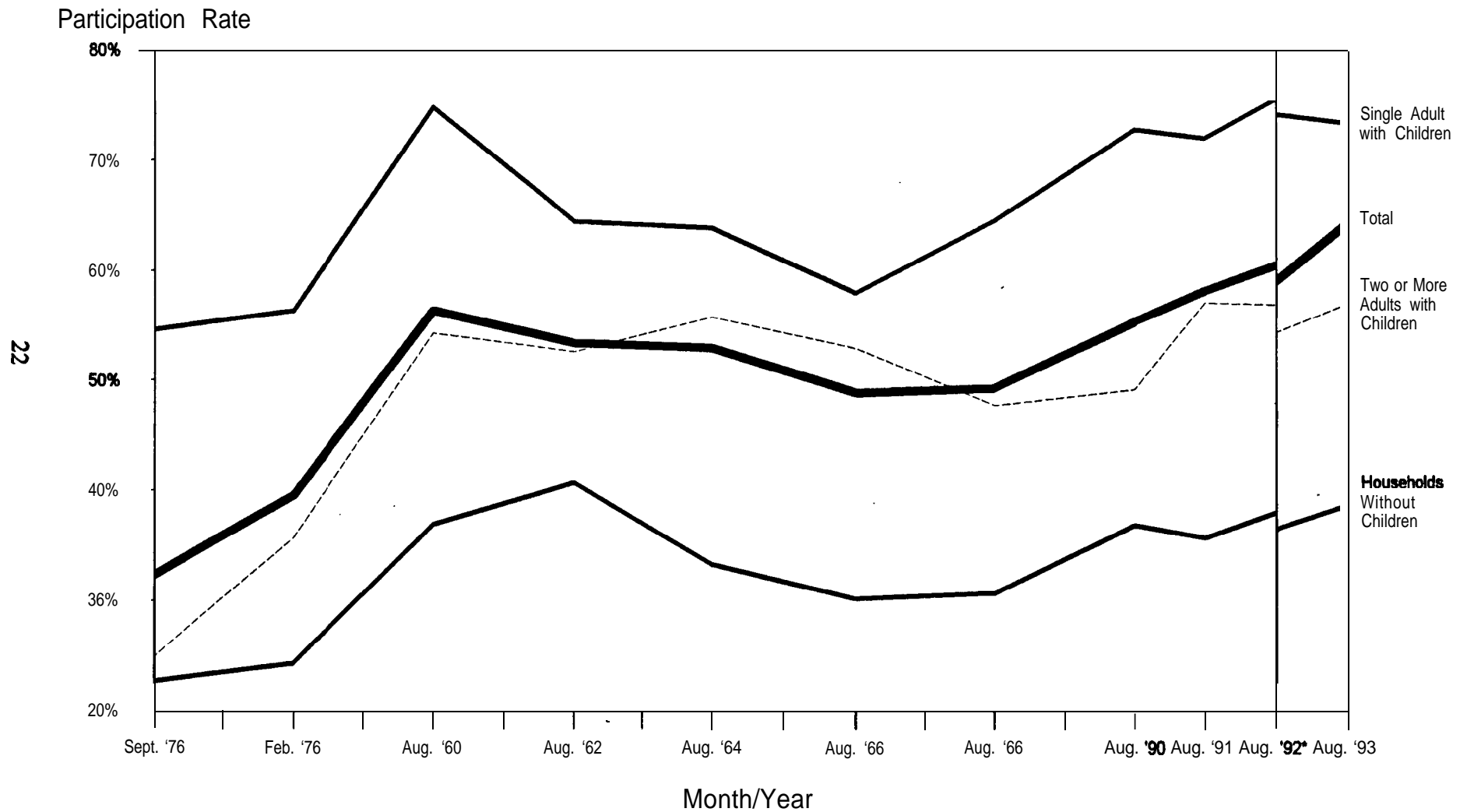


Source: Food Stamp Program operations data, March CPS for the years shown.

\* There is a break in the time series in August 1992 due to revisions to the weighting process introduced in the March 1993 CPS.

Note: Participant data is not available in 1976 and 1980 on race of the household head.

**FIGURE 6**  
**. TRENDS IN PARTICIPATION RATES BY HOUSEHOLD COMPOSITION,**  
**1976-I 993**

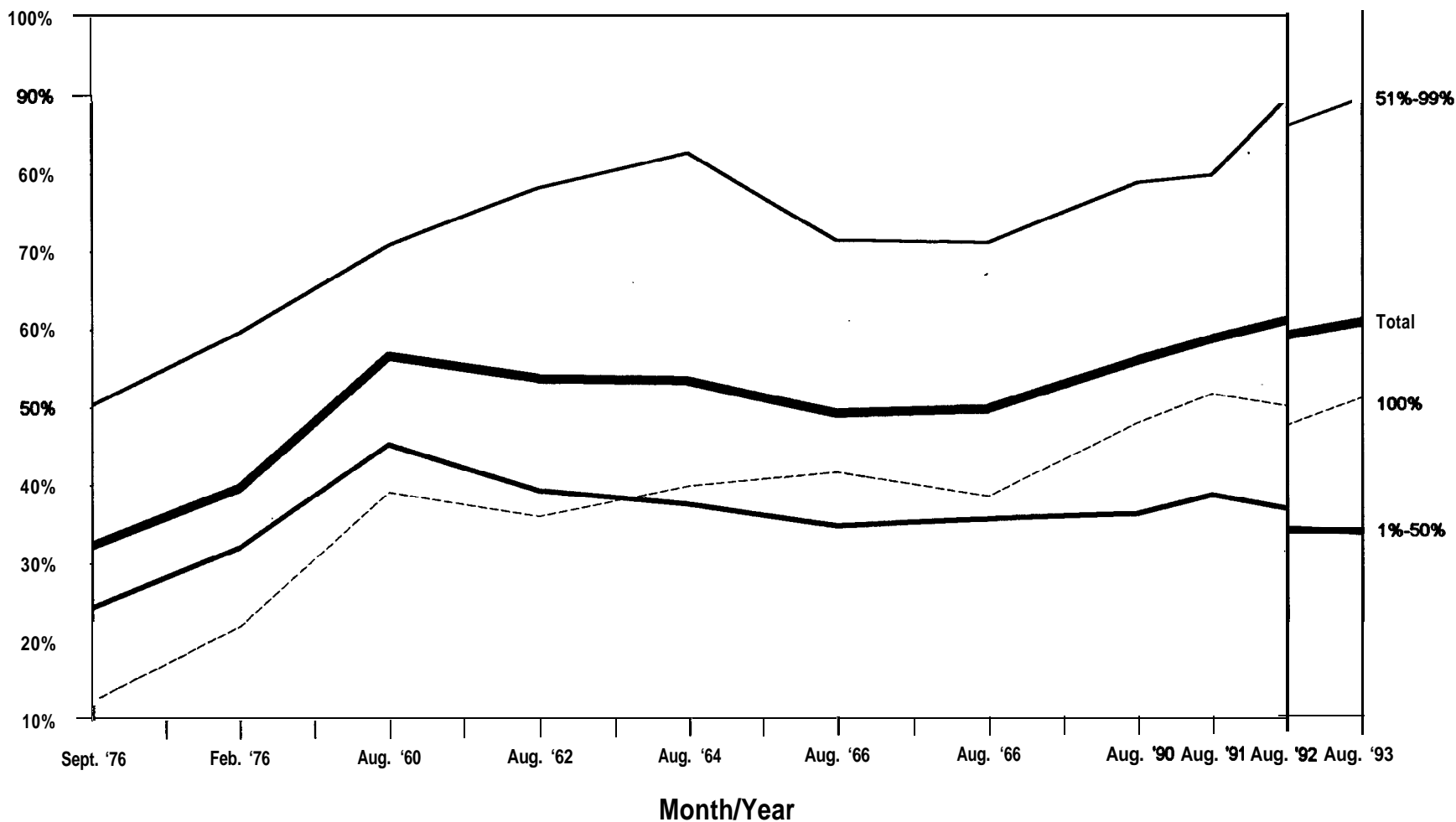


Source: Food Stamp Program operations data, March CPS data for the years shown.

- There is a break in the time series in August 1992 due to revisions to the weighting process introduced in the March 1993 CPS.

**FIGURE 7**  
**PARTICIPATION RATES BY FSP BENEFIT**  
**LEVELS AS A PERCENTAGE OF MAXIMUM BENEFIT, 1976-I 993**

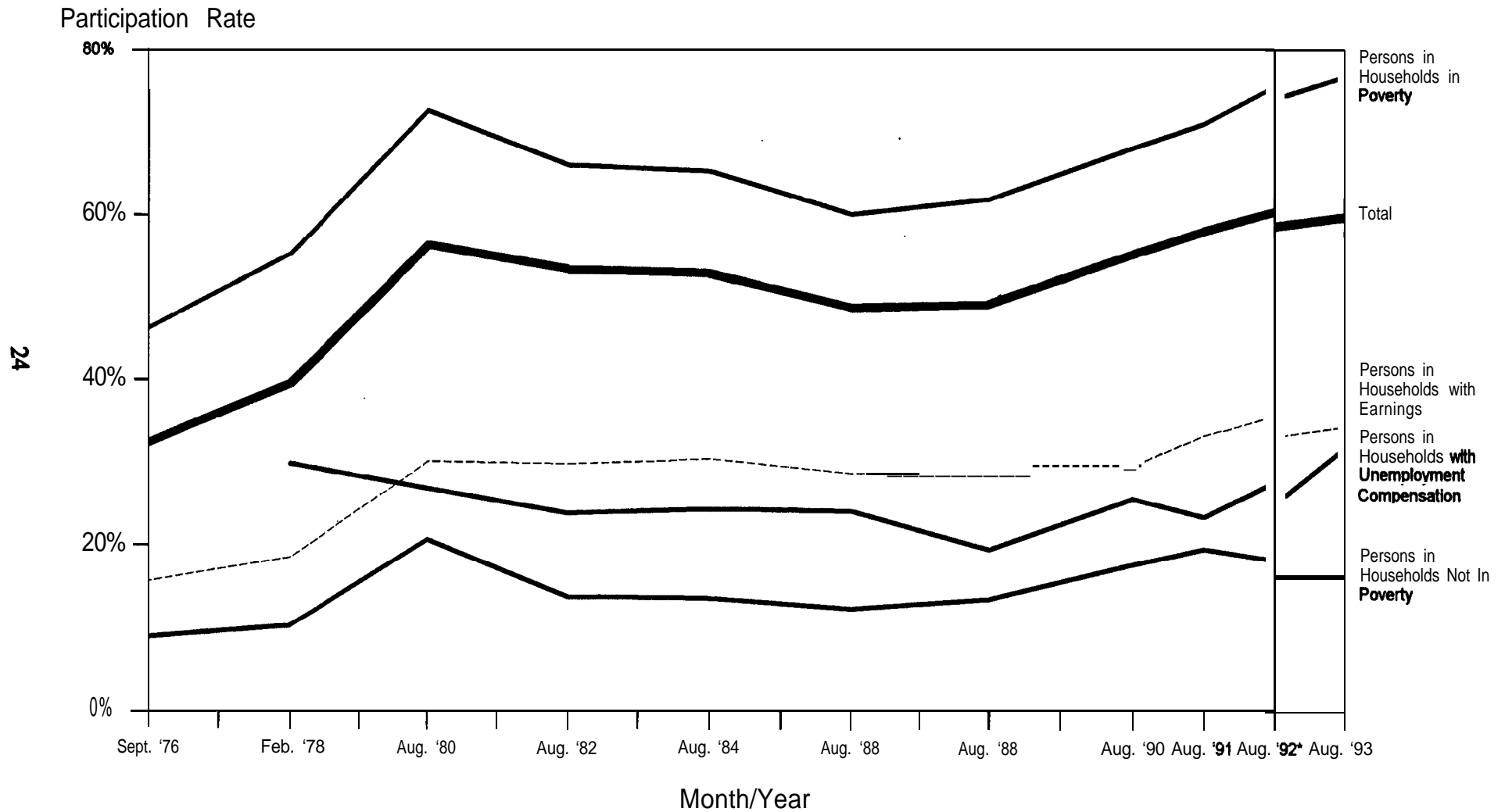
Participation Rate



Source: Food Stamp Program operations data, March CPS data for the years shown.

• There is a break in the time series in August 1992 due to revisions to the weighting process introduced in the March 1993 CPS.

**FIGURE 8**  
**PARTICIPATION RATES**  
**BY SELECTED ECONOMIC CHARACTERISTICS, 1976-I 993**



Source: Food Stamp Program operations data, March CPS data for the years shown.

• The break in the time series in August 1992 due to revisions to the weighting process introduced in the March 1993 CPS.

Note: Participant data is not available in 1976 and 1980 on receipt of unemployment compensation.

## D. METHODOLOGY

The August 1993 participation rates were derived from estimates of the number of eligibles based on March 1994 CPS data and estimates of the number of participants based on the average of July and August 1993 FSP program operations data. These data sources provide a good measure of the change in rates over time. However, the rates are consistently biased downward because of limitations in the CPS data. Therefore, the CPS-based series should be used to examine *changes* in rates but not to examine the *levels* of the rates.

SIPP-based estimates of eligibles should be used for calculating participation rates when examining levels. As discussed in Trippe and Sykes (1994), estimates using **SIPP** data are more accurate than estimates using CPS data because the **SIPP** data contain more of the information needed to estimate food stamp eligibility, and the methodology more closely replicates the actual eligibility determination process. However, **SIPP** data do not cover as long a period, and certain types of SIPP data needed to estimate eligibles are available for only a limited number of years.

Although the CPS-based estimates are biased downwards, the trends identified using this database are consistent with those identified on the basis of **SIPP** data (Table 6 and Figure 9). The CPS-based estimates show a **4-point** drop in the individual participation rate from 1984 to 1986, no change in the rate (less than 1 point) **from** 1986 to 1988, and a **12-point** rise in the rate from 1988 to 1993. The SIPP-based estimates show a **5-point** drop in the individual participation rate from 1985 to 1988, no change **from** 1988 to 1989, and a **15-point** increase from 1989 to 1992.

Although each series is based on a different data source, and each covers a slightly different period, the trends in rates over time are remarkably similar (the **SIPP-based** estimates do not include as many years because they are limited to years in which required eligibility data are available).

**As mentioned earlier, there are two sets of participation rate estimates for 1992--original and revised 1992 estimates.** The reason for the two estimates is that revised population controls for the March 1993

CPS introduced by the Bureau of the Census substantially affected participation rates. (The revised weights for the March 1993 CPS were released so that consistent comparisons between the March 1993 and 1994 CPS could be made.) These controls, which are based on the 1990 decennial census, include an adjustment for the estimated population undercount. The original March 1993 CPS used unadjusted population controls based on the 1980 census. The revised population controls increased the number of persons in poverty in 1992 by 3.1 percent, the overall poverty rate by 0.3 points, and most of all, the poverty rates of Hispanic families, white children, and households headed by women. The new population controls also increased the estimated number of persons eligible for food stamps in August 1992 by 1.3 percent, thus lowering 1992 participation rates by 1.2 points.

## **1. Determining FSP Eligibles**

We estimated the number of eligibles for the August 1993 participation rate using a simulation model of the FSP run on March 1994 CPS data. This was accomplished by **quantifying** FSP program eligibility guidelines that were in effect in August 1993 and applying them to each household in the CPS using a simulation procedure.<sup>10</sup> The FSP program guidelines include unit formation rules, asset limits, and income limits. Because several types of **information** needed to determine FSP eligibility are missing from the CPS data, we estimated this information in order to improve the model estimates of the number of eligible households. We explain this estimation procedure below.

### **a. Measuring the Food Stamp Unit**

**In the** FSP, the food stamp unit is defined on the basis of shared food purchases and preparation in addition to shared living quarters. However, in the CPS, the dwelling unit is based only on shared living quarters. Because the CPS does not contain information needed to determine who shares food purchases

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“Appendix A of “Trends” (Trippe et al. 1992) includes a detailed discussion of our model of the FSP eligibility process.



and preparation within each dwelling, we used the CPS dwelling unit instead of the food stamp unit to determine this with the following exceptions:

- We excluded **from** the dwelling unit SSI recipients who receive cash instead of food stamps in SSI **cashout** states (California)
- We excluded all persons living in group quarters, since most but not all persons living in group quarters are excluded
- We excluded households where the reference person is employed in the armed forces because there is no income information for these households in the CPS

#### **b. Determining Asset Eligibility**

A food stamp unit is eligible for FSP benefits if its countable assets are less than \$2,000. **If** the unit contains an elderly person the asset limit is \$3,000. Since balances are not included in the CPS database, we used a proxy for countable assets, assuming that they equal the income from financial assets divided by a rate of return of 6.5 percent.”

In 1993, asset holdings of AFDC and SSI recipients were not counted in determining the food stamp unit’s countable assets, based on legislation introduced under amendments to the Farm, Agriculture, Conservation and Trade Act of 1991 (**FACTA**). This change had very little effect on the number of FSP eligibles (increased by 0.22 percent) and no measurable effect on the participation rate since **AFDC** and SSI recipients are subject to the same or lower asset limits as FSP recipients.

#### **c. Determining Income Eligibility**

In addition to meeting asset limits, food stamp units must also meet income limits in order to be eligible for benefits. Food stamp units that do not contain elderly or disabled members must have a gross

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<sup>11</sup>We have used 6.5 percent for all years in this time series. Although 6.5 percent is probably higher than the actual rate of return on investments for 1993, using a lower rate for 1993 would increase asset balances substantially, thus lowering the number of eligibles and indicating a change in participation rates between 1992 and 1993 that was not indicated by the data.

income below 130 percent of the monthly FSP net income guidelines. There is no gross income limit for units that contain elderly or disabled members. In addition, all food stamp units must have a net income below 100 percent of the FSP net income guidelines.

Before determining each household's income eligibility, we estimated monthly income and household net income as follows, thereby extending the CPS data.

- ***Estimating Monthly Income.*** The CPS database includes information on annual income, but eligibility for the FSP is determined according to monthly income. Therefore, we distributed annual income to months on the basis of patterns of income receipt shown by SIPP data and number of weeks worked **information** shown in CPS data. We then summed the monthly income allocated to August for each person in the unit to determine each household's gross income for August. Simply dividing annual income by 12 would have caused an overestimate of eligibles in any given month.
- ***Estimating Net Income.*** The CPS database does not include information on deductible expenses **from** gross income used to estimate net income **amounts**. Therefore, we used a regression model to estimate net income as a function of the unit's earnings, unearned income, gross income, and geographic location for each year. We applied the relationship between these unit characteristics and net income in FSP administrative data to low-income households in the CPS data. The estimated relationships (coefficients) are presented in Appendix A, Table A.2.

Using the enhanced CPS data, we determined eligibility for each household in the CPS according to the program regulations in effect in August 1993 so that our estimates would correspond to program changes that occurred between August 1992 and August 1993. **These** changes involve (1) the legislation, discussed in the preceding section, that excluded the asset holdings of AFDC and SSI recipients **from** the determination of asset eligibility and (2) 1993 updated food stamp net income screens and the maximum food stamp benefits as provided by FCS. The net income screens are updated each year according to

changes in inflation. The maximum food stamp **benefit** amounts, also updated each year, are based on **103 percent of the** cost of the Thrifty Food **Plan**.<sup>12,13</sup>

The unweighted counts of households simulated to be eligible for the FSP in August 1993, along with the original sample size for the March 1994 CPS file, are listed in Appendix C, Table C. 1.

## 2. **Determining FSP Participants**

The number of participants for the **1993** participation rate comes **from** the FSP Statistical Summary of Operations (program operations) data for July and August 1993. This database provide **counts** of persons and households that were issued benefits and the total dollar value of the benefits issued in each month. The number of participants was derived from Program Operations data because FSP participation is underreported in the CPS data.

We distributed the total number of persons, households, and benefits across subgroups of the population according to the distribution in the sample of food stamp case records in the Integrated Quality Control System (**IQCS**). This **was** done by multiplying the number of participants in the IQCS data by the ratio of the program operations total to the IQCS weighted total for persons, households, and **benefits**.<sup>14</sup>

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<sup>12</sup>The 1993 maximum food stamp benefit amount did not change between 1992 and 1993 for the continental U.S. despite a decline in the TFP. A reduction in the maximum benefit was prevented by an Amendment to the Food Stamp Act of 1977 (**P.L. 102-351**).

<sup>13</sup>These changes are summarized in Appendix A along with other FSP eligibility criteria in effect in 1993. FSP guidelines for deductions from gross income in determining FSP net income (such as the maximum dependent care and excess shelter deductions) are implicitly captured with the regression model.

<sup>14</sup>We did not adjust the program operations data for benefits issued in error since this information is not available for the pre- 1982 estimates.

### 3. Calculating FSP Participation Rates

We estimated aggregate participation rates by dividing the number of participants recorded in the FSP program operations data (or adjusted IQCS data) by the number of eligibles simulated on the basis of CPS data. The numbers of participants and eligibles used to calculate participation rates in 1990 through 1993 are presented in Appendix D, Tables D. 1 through D.4.

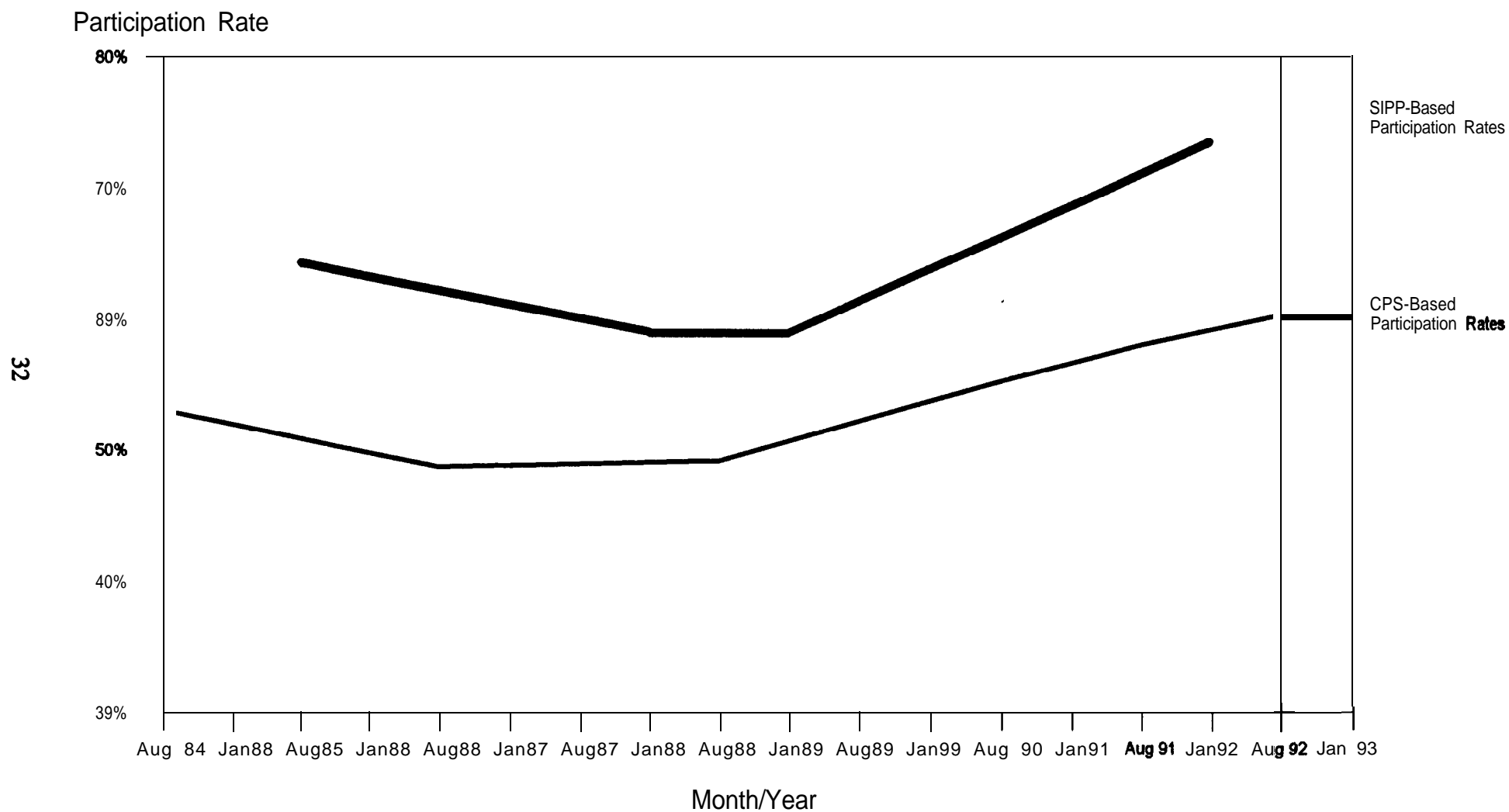
TABLE 6

**SIPP-BASED FSP PARTICIPATION RATES,  
1985-1992**

	August 1985	January 1988	January 1989	January 1992	Percent Change (1989 to 1992)
<b>Thousands</b>					
<b>Eligibles (SIPP)</b>					
Persons	28,884	30,973	31,041	32,931	6.1 %
Households	11,604	12,292	12,689	13,983	10.2 %
Benefits	<b>\$1,072,262</b>	<b>1,334,779</b>	<b>1,405,636</b>	<b>1,981,717</b>	41.0 %
Participants (Program Operations)					
Persons	18,560	18,286	18,344	24,291	32.4 %
Households	6,894	6,882	7,037	9,631	36.9 %
Benefits	\$807,265	890,158	927,391	<b>1,615,320</b>	74.2 %
<b>Percent</b>					
					<u>Difference (1989 to 1992)</u>
Participation Rates					
Persons	64.3	59.0	59.1	73.8	14.7 points
Households	59.4	56.0	55.5	68.9	13.4 points
<b>Benefits</b>	75.3	66.7	66.0	81.5	15.5 points

**SOURCE:** Food Stamp program operations data adjusted for issuance errors. FOSTERS model using data from the **SIPP**.

**FIGURE 9**  
**TRENDS IN FSP INDIVIDUAL PARTICIPATION RATES,**  
**1984-I 993**



SOURCE: Food Stamp Program operations data, March CPS data, **SIPP** data for the years shown.

- There is a break in the **CPS-based** time series in 1992 due to revisions to the weighting process introduced in the March 1993 CPS.

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## **APPENDIX A**

- A.1 Changes in The March CPS Over Time**
- A.2 Net Income Regression Results**
- A.3 Food Stamp Eligibility Parameters**
- A.4 Summary of Major Influences on FSP  
Participation Rates: 1976 to 1993**



**TABLE A.1**  
**CHANGES IN THE MARCH CPS OVER TIME**

March Year	Data Year	Changes in Design or Weighting from Previous Year
78	77	None
79	78	<b>Changes in metro-nonmetro</b> definitions New, more detailed income questions were introduced for 2 rotation groups.
80	79	Definition of adult changed from age 14 to age 15. New concept of families and <b>headship</b> status New income questions were introduced for all rotation groups.
81	80	New weighting procedure based on <b>1980</b> Census was introduced which increased the overall population by 2.3 percent and had a disproportionate impact on Hispanics.
82	81	Top coding of <b>income</b> variables was increased from \$50,000 to \$75,000.
83	82	New industry and occupation coding New definition of group quarters The poverty index was modified slightly (deleting the <b>farm/nonfarm</b> dimension).
84	83	The March 1984 file was issued twice. In the second (unofficial) version, the <b>Bureau introduced</b> the revised weighting procedure developed for the March 1985 <b>CPS</b> .
85	84	Revised weighting procedures -- specifically, the control on Hispanics was changed. This caused a slight increase in poverty with disproportionate impacts on the Hispanic population, male unrelated individuals, and persons in related subfamilies. Changes in the designation of <b>metro/nonmetro, farm/nonfarm</b> , central city/noncentral city statuses
86	85	More <b>metro/nonmetro</b> changes
87	86	None
88	87	None
89	88	Revised processing procedures increased income overall and reduced poverty. The poverty rate changed more severely for blacks and persons in selected age ranges.
90	89	None
91	90	None
92	91	None
93	92(o)	None

March	Year	Data Year	Changes in Design or Weighting from Previous Year
<b>93</b>		<b>92(r)<sup>b</sup></b>	New population controls based on 1990 census and adjusted for the census <b>undercount</b> . The new population controls with the adjustments increased the poverty population. The largest increases in poverty rates were for Hispanic families, families with single female householders, white children, and persons in unrelated subfamilies.
<b>94</b>		93	Survey was redesigned to improve the measurement of labor force concepts and wording of questions, and to implement a computerized questionnaire.

<sup>a</sup>**Original** March 1993 CPS using **1980** census population controls.

<sup>b</sup>**Revised** March 1993 CPS using 1990 census population controls adjusted for the census undercount.

TABLE A.2  
RESULTS FOR THE **FOOD STAMP NET INCOME** REGRESSION EQUATIONS  
(Standard Error Estimates in Parentheses)

Explanatory Variable	Coefficients Estimated Using Administrative Data For:					
	1976	1978	1980	1982	1984	1986
Constant	<b>-.60.0383 *</b> (2.9524)	<b>-62.9407 *</b> (3.2940)	<b>-125.9960 *</b> (3.5619)	-185.4315 * (4.4493)	-169.8675 * (3.4631)	-186.3751 * (3.0435)
Earnings	0.7809 * (0.0101)	0.7422 * (0.0108)	0.7715 * (0.0127)	0.8254 * (0.0131)	0.8062 * (0.0097)	0.7900 * (0.0062)
Earnings Squared	-0.000102 * (0.000013)	-0.000012 (0.000012)	<b>0.000067 *</b> (0.000015)	0.000037 * (0.000013)	0.000044 * (0.000009)	0.000020 * (0.000004)
Unearned Income	0.9064 • (0.0157)	0.9253 * (0.0171)	0.9562 * (0.0187)	1.0348 * (0.0184)	<b>0.9634 *</b> (0.0124)	0.9440 • (0.0097)
<b>Unearned Income Squared</b>	0.0000663 * (0.000023)	0.000025 (0.000024)	0.000109 • (0.000025)	-0.000026 (0.000022)	0.000073 • (0.000013)	0.000087 • (0.000009)
Flag for Households with Gross Income ≤ \$100	10.6218 * (3.6488)	18.0543 * (4.4236)	59.9508 * (4.7778)	90.8267 * (6.2122)	92.4235 * (5.4448)	112.8131 * (4.7698)
Flag for Households Residing in Alaska	NA	60.8075 * (9.7622)	-20.6258 * (6.8873)	- 3 8 . 4 5 2 9 * (17.3631)	-42.1620 * (14.9779)	-50.9189 * (12.6897)
Flag for Households Residing in Hawaii	<b>23.9860 *</b> (8.5449)	5.5784 (6.5567)	-1.4705 (3.6057)	-38.3475 * (7.4509)	-33.7594 * (5.7024)	-26.5311 * (6.73%)
Flag for Households Residing in the Midwest	24.4276 * (1.8605)	13.5778 * (2.1125)	4.3647 * (2.1379)	26.6802 * (2.9609)	15.9736 * (2.3582)	16.3730 * (2.1788)
Flag for Households Residing in the South	36.3114 * (1.7108)	33.0194 * (1.9284)	-0.32% (2.0657)	42.4122 * (2.6281)	19.6970 * (2.2891)	25.9688 • (2.1389)
Flag for Households Residing in the West	13.9124 * (2.0378)	10.5384 * (2.4481)	-1.6665 (2.7431)	25.5066 * (3.0763)	18.2787 * (2.6038)	16.1168 * (2.2460)
Sample Size	10,690	13,580	3,743	6,345	6,348	10,349
<b>R<sup>2</sup></b>	0.8080	0.7380	0.9240	0.8634	0.9196	0.9042
Adjusted <b>R<sup>2</sup></b>	0.8078	0.7378	0.9238	0.8632	0.9195	0.9041

\*Indicates significance at the .05 level using a two-tail t-test. Coefficients identified as significant at the .05 level are those with t-values greater than 1.96.

TABLE A.2 (continued)

Explanatory Variable	Coefficients Estimated Using Administrative Data For:				
	1988	1990	1991	1992	1993
<b>Constant</b>	-204.8244 • (2.9655)	-196.4351 * (4.0839)	-203.1925 * (3.9569)	-229.6667 * (4.5641)	-235.1379 • (4.4156)
Earnings	0.7353 * (0.0084)	0.7049 * (0.0092)	0.7093 * (0.0087)	0.7027 * (0.0101)	0.17165 * (0.0094)
Earnings Squared	<b>0.000076 *</b> <b>(0.000008)</b>	0.000076 * <b>(0.000007)</b>	0.000070 * <b>(0.000007)</b>	0.000075 * <b>(0.0000)</b>	<b>0.000059 *</b> <b>(0.0000)</b>
Unearned Income	1.0086 * (0.0054)	0.8863 * (0.01319)	0.9036 * (0.01108)	0.9165 * (0.0123)	0.9144 * (0.0105)
Unearned Income Squared	<b>0.000002</b> <b>(0.000002)</b>	0.00012 * (0.000012)	<b>0.00008 *</b> <b>(0.000009)</b>	<b>0.00008 *</b> <b>(0.0000)</b>	0.000069 • (0.0000)
Flag for Households with Gross Income ≤ \$100	126.1543 * (5.6708)	117.1564 * (6.5974)	123.2110 * (6.8090)	138.5731 * (8.2793)	136.9358 • (8.1730)
Flag for Households Residing in Alaska	-52.6491 * (11.8503)	-35.4125 • (11.9143)	-74.2323 * (11.9268)	-39.4700 * (15.1555)	-62.6498 • (14.5088)
Flag for Households Residing in Hawaii	-39.9692 * (7.6094)	12.7144 (7.9143)	-8.4060 (7.9251)	-5.7395 (8.5438)	8.6119 (8.6611)
Flag for Households Residing in the Midwest	16.1722 * (2.4354)	22.1803 * (2.6508)	20.6143 (2.7497)	32.1891 * (3.1128)	34.9161 * (3.2515)
Flag for Households Residing in the South	32.5873 * (2.3697)	36.7736 * (2.6055)	38.8219 * (2.7276)	51.7001 * (3.1622)	55.2085 * (3.2327)
Flag for Households Residing in the West	17.9284 * (2.5100)	23.4548 * (2.7491)	15.7282 * (2.9337)	25.7937 * (3.4385)	28.6053 * (3.4847)
Sample Size	9,942	9,842	9,743	8,753	8,541
<b>R<sup>2</sup></b>	0.8930	0.8803	0.8810	0.8746	0.8894
<b>Adjusted R<sup>2</sup></b>	0.8929	0.8801	0.8809	0.8745	0.8892

\*Indicates significance at the .05 level using a two-tail t-test. **Coefficients** identified as significant at the .05 level are those with t-values greater than 1.96.

TABLE A.3  
FOOD STAMP ELIGIBILITY PARAMETERS, 1976 TO 1993

Analysis Year		September 1976 Food Stamp Act of 1964 As Amended	February 1978 Food Stamp Act of 1964 As Amended	August 1980 Food Stamp Act of 1977: As Amended in 1971 '9 and 1980: Effective late 1978. early 1979	August 1982 OBRA 1981 As Amended in 1981; Effective 10/81								
Gross Income Eligibility		No test	No test	No test	< = 1.3 * Poverty Line								
Net Income Eligibility		< = Maximum Food Stamp Income	< = Maximum Food Stamp Income	< = Poverty Line	< = Poverty Line								
Asset Eligibility		\$1500; \$3000 for aged households of at least 2 persons											
Benefit Reduction Rate		NIA	N/A	.3	.3								
Minimum Benefit		Varies by household size	Varies by household size	Persons 1 2 3+ Min \$10. \$10. \$ 0.	Persons 1 2 3+ Min \$10. \$10. \$ 0.								
Eligibility of Pure PA Households (AFDC or SSI)		No Automatic Eligibility	Automatically Eligible	No Automatic Eligibility	No Automatic Eligibility								
Purchase Requirement		Yes	Yes	No	No								
Benefit Calculation		Benefit = Maximum benefit (household size) - Purchase Requirement (household size and net income)		Benefit = Maximum benefit (household size) - .3 x Food Stamp Net Income									
SSI Cashout States		California, Wisconsin, Massachusetts											
Monthly Food Stamp Net Income Screen	Unit Size	US 245 322 433 553 660 787 873 993 127	AK 307 413 753 880 893 1073 1353 167	HI 273 407 740 880 1053 1167 1333 166	US 262 344 580 687 827 807 960 1147 1047 133	AK 328 447 633 807 960 1147 913 180	HI 286 607 773 920 1100 1220 1453 173	US 316 418 621 723 1028 102	AK 397 501 650 777 1% 1157 1284 127	HI 365 481 598 715 831 1065 1181 117	US 390 647 904 1032 1180 1450 1289 129	AK 490 970 1130 1290 1450 1610 160	HI 450 745 892 1040 1187 1402 1402 142
Monthly Maximum Food Stamp Allotment	Unit Size	US 50 92 130 166 198 236 262 298 38	AK 68 124 178 226 268 322 356 406 50	HI 66 122 174 222 264 316 350 400 50	US 52 96 138 174 206 248 274 314 40	AK 72 134 190 242 288 344 382 436 54	HI 70 128 182 232 276 330 366 418 52	US 63 115 165 209 248 298 329 376 47	AK 98 180 258 327 388 466 515 589 74	HI 84 158 226 287 341 409 452 517 65	US 70 128 183 233 277 332 367 419 53	AK 108 197 293 359 426 512 565 646 81	HI 95 175 250 318 378 453 501 572 72

TABLE A.3 (continued)

Analysis Year		August 1991 FACTA of 1991			August 1992 FACTA of f 1991; 11 and amendments			August 1993 FACTA of f 1991; land amendments		
Gross Income Eligibility		< = 1.3 * Poverty Line			< = 1.3 * Poverty Line			< = 1.3 * Poverty Line		
Net Income Eligibility		< = Poverty Line			c = Povtrly Lii			c = Poverty Line		
Asset Eligibility										
Benefit Reduction Rate		.3			.3			.3		
Minimum Benefit		Persons	Min		Persons	Min		Persons	Min	
		1	\$10.		1	\$10.		1	\$10.	
		2	\$10.		2	\$10.		2	\$10.	
		3+	\$ 0.		3+	\$0.		3+	\$ 0.	
Eligibility of Pure PA Households (AFDC or SSI)		Automatically Eligiblt			Automatically Eligiblt (AFDC, SSI, or GA)			Automatically Eligiblt (AFDC, SSI, or GA)		
Purchase Requirement		No			No			No		
Benefit Calculation										
SSI Cashout States					California only			California only		
Monthly Food Stamp Net Income Screen	Unit Size	US	AK	HI	US	AK	HI	US	AK	HI
	1	524	654	603	552	691	635	568	709	653
	2	702	877	808	740	926	851	766	957	881
	3	880	1100	1013	929	1161	1068	1163	1205	1110
	6	1059	1324	1218	1117	1631	1505	1361	1454	1338
	7	1237	1994	1436	1340	2101	1718	1560	1950	1566
	8	1451	2217	2038	1494	2101	1935	1758	2199	1795
							2151	1956	2447	2251
	+	+179	+224	+205	+189	+235	+217	+199	+249	+229
Monthly Maximum Food Stamp Benefits	Unit Size	US	AK	HI	US	AK	HI	US	AK	HI
	1		137	172	111	142	181	111		182
	2		252							
	3	277	361	316	203	261	374	203	261	374
	4	193	459	452	292		606	292		606
	5	418	545	574	440	564	720	440	567	724
	6	502	655	819	528	677	864	528	680	868
	7	555	723	905	584	748	955	584	752	960
	8	634	827	1034	667	855	1091	667	859	1097
	+	+79	+103	+129	+83	+107	+136	+83	+107	+137

NOTE: Eligibility parameters are for the 50 states and the District of Columbia. Puerto Rico is excluded from data for 1976 and 1978 in order to be consistent with other years, and Guam and the Virgin Islands are excluded for all years.

\*A reduction in the maximum benefit between 1992 and 1993 was prvtnttd by an amendment to the Food Stamp Act of 1977 (P.L.102-351).

TABLE A.3 (continued)

Analysis Year		August 1984 OBRA As Amended in 1982; Effective 10/18/82	August 1986 Food Security Act of 1985; Effective 5/86	August 1988 Homeless Assistance Act;	August 1990 Hunger Prevention Act of 1988
Gross Income Eligibility		< = 1.3 * Poverty Line	< = 1.3 * Poverty Line	< = 1.3 * Poverty Line	< = 1.3 * Poverty Line
Net Income Eligibility		< = Poverty Line	< = Poverty Line	< = Poverty Line	< = Poverty Line
Asset Eligibility			\$2000; \$3000 for aged households		
Benefit Reduction Rate		.3	.3	.3	.3
Minimum Benefit		Persons 1 2 3+ Min \$10. \$10. \$0.	Persons 1 2 3+ Min \$10. \$10. \$0.	Persons 1 2 3+ Min \$10. \$10. \$0.	Persons 1 2 3+ Min \$10. \$10. \$0.
Eligibility of Pure PA Households (AFDC or SSI)		No Automatic Eligibility	Automatically Eligible	Automatically Eligible	Automatically Eligible
Purchase Requirement		No	No	No	No
Benefit Calculation		Benefit = Maximum benefit (household size) - .3 x Food Stamp Net Income			
SSI Cashout States		California, Wisconsin, Massachusetts	California, Wisconsin		
Monthly Food Stamp Net Income Screen	Unit Size 1 2 3 4 5 6 7 8 +	US 415 560 705 850 995 1140 1285 1430 145 AK 520 701 1063 882 1425 1605 1786 181 HI 478 645 811 1645 167	US 604 760 917 AK 559 755 1146 950 1538 1732 1930 196 HI 515 695 1055 875 1415 1595 1775 180	US 459 617 AK 572 770 969 HI 526 709 1074 891 1256 1439 1960 1804 183	US 499 699 839 AK 624 836 1049 1261 1356 1552 1748 2111 213 1944 1%
Monthly Maximum Food Stamp Allotment	Unit Size 1 2 3 4 5 6 7 8 +	US 76 139 199 253 301 361 399 457 57 AK 109 200 286 364 432 518 82 HI 108 198 283 360 567 648 81	US 80 147 AK 111 204 293 372 442 530 586 670 493 654 748 94	US 87 159 AK 113 207 297 378 448 538 595 680 527 700 800 100	US 99 182 AK 123 227 413 325 490 588 650 743 93 HI 151 276 396 503 598 717 793 906 113

NOTE: Eligibility parameters are for the 50 states and the District of Columbia. Puerto Rico is excluded from data for 1976 and 1978 in order to be consistent with other years, and Guam and the Virgin Islands are excluded for all years.

TABLE A.4  
SUMMARY OF MAJOR **INFLUENCES** ON FSP PARTICIPATION RATES: 1976 to 1992

Period of Participation Rate Change	Major Influence	Effect on Number of Participants and Eligibles <sup>a</sup>	Direction of Change In Participation Rates
1976 to 1978	Economy (Rising <b>inflation</b> and strengthening economy)	<b>Almost</b> no change in participants. Substantial decrease in eligibles <b>due to the</b> improving economy and rising <b>inflation</b> . Rising inflation resulted in more restrictive asset and income guidelines in real terms.	Up (by 7 percentage points)
1978 to 1980	Legislation (Food Stamp Act of 1977)	Substantial increase in participants as a result of eliminating purchase requirement. Decrease in eligibles as a result of capping income eligibility.	Up (by 16 percentage points)
1980 to 1982	Economy (Recession)	<b>Almost</b> no change in participants. Substantial increase <b>in</b> eligibles due to more households meeting the income eligibility guidelines.	Down (by 3 percentage points)
1982 to 1984	Economy (Recovery)	Slight decline in both participants eligibles.	No <b>change</b>
1984 to 1986	Legislation (1985 Food Security Act)	Almost no change in participants. Substantial increase in eligibles due to the more generous eligibility criteria.	Down (by about 4 percentage points)
1986 to 1988	Economy (Growth)	Small decline in both. participants and eligibles.	<b>No change</b>
1988 to 1990	Medicaid expansion, Legislation (Homeless Assistance Act), IRCA, worsening economy	Increase in participants due to the expansion in the Medicaid program, increased outreach and expedited service, and immigration laws granting resident status to certain aliens. Slight decline in number of eligibles.	Up (by 6 percentage points)
1990 to 1991	Continued Medicaid expansion, Economy (Recession)	Increase in participants. Smaller percent increase in eligibles.	Up (by 3 percentage points)
1991 to 1992	Continued Medicaid expansion, Economy (Continued hardship)	Increase in participants. Smaller percent increase in eligibles.	Up (by 2 <b>percentage points</b> )
1992 to 1993	Economy (Improving)	Increase in participants. Smaller percent increase in eligibles.	Up (by 1 percentage <b>point</b> )

The effect on the number of participants and eligibles and the direction of the change in participation rates in this table is based on the rates for *individuals*.



**APPENDIX B**

**Selected Features of The Food Stamp Program  
Under Past and Current Legislation**

TABLE B. 1

## SELECTED FEATURES OF THE FOOD STAMP PROGRAM UNDER PAST AND CURRENT LEGISLATION

	Food Stamp Act of 1964 as Amended (PL 88-525)	Food Stamp AU of 1977 (PL 95-113) Effective 1-1-79	Food stamp Amendments of 1979 and 1980 (PL 96-58 and PL 96-249)	OBRA of 1981 (PL 86-35) and Food Stamp Amendments and Reauthorization Act of 1981 (PL 97-98) Effective 10-1-81	Food Stamp Amendments of 1982 (PL 97-253) Effective 10-82 and Continuing Resolution of 1984 (PL 84-473)	1985 Food Security Act (PL 99-198) Effective 5-86	1987 Homeless Assistance AU (PL 100-97)	Hunger Prevention Act of 1988 (PL 100-435)	Farm, Agriculture, Conservation and Trade Act of 1990 and 1991 -- FACTA (PL 101-624)	Amendments to FACTA of 1991
<b>Maximum benefit</b>	Thrifty Food Plan. Indexed since 1971, indexed semiannually from 1973-1979 based on BLS food price index	Thrifty Food Plan. Indexed semiannually based on Thrifty Food Plan components	Thrifty Food Plan. Indexed annually ill Jan. based on Sept. cost of Plan components	Thrifty Food Plan. Indexing frozen until 7-1-83, next adjustment 10-1-84 based on June cost of Plan components	Indexing to 99% rather than 100% of Thrifty Food Plan cost. Changed back to 100% by PL 98-473. Last step in benefit calculation rounded down	No change	No change	Incremental indexing to 103 % of Thrifty Food Plan by FY 1991 and thereafter.	No change	No change <sup>a</sup>
<b>Income Maximum</b>	Net income ≤ maximum food stamp net income which was tied to the maximum coupon allotment	Net income ≤ poverty line	Excludes energy assistance as income. Includes income of ineligible aliens less prorated share.	Gross income ≤ 1.3 poverty, except for elderly & disabled, who keep previous net income limit	Nonelderly and nondisabled subject to both net and gross income limits	No change	No change	No change	No change	No change

<sup>a</sup>A reduction to the maximum benefit was prevented by an amendment to the Food Stamp Act of 1977 (P.L. 102-351).

<sup>b</sup>Standard deduction amounts are for the continental U.S. only. Alaska and Hawaii have different amounts.

TABLE B. 1 (continued)

	Food Stamp Act of 1964 as Amended (PL 88-525)	Food Stamp Act of 1977 (PL 95-113) Effective 1-1-79	Food Stamp Amendments of 1979 and 1980 (PL 96-58 and PL 96-249)	OBRA of 1981 (PL 86-35) and Food Stamp Amendments and Reauthorization Act of 1981 (PL 97-98) Effective 10-1-81	Food Stamp Amendments of 1982 (PL W-253) Effective 10-82 and Continuing Resolution of 1984 (PL 84-473)	1985 Food Security Act (PL 99-198) Effective S-86	1987 Homeless Assistance Act (PL 100-97)	Hunger Provmtion Act of 1988 (PL 100-435)	Farm, Agriculture, Conservation and Trade Act of 1990 and 1991 — FACTA (PL 101-624)	Amendments to FACTA of 1991
<b>Itemized Deductions</b>	Payroll, 10% of earnings to \$30, child care, education, medical ovs \$10, alimony of child support, casualty losses, shelter in excess of 30% of net	20% of earnings, child care up to \$75, shelter in excess of 50% of net not to exceed \$75 in combination with child cam. Limit indexed annually in July based on shelter-fuel-utilities component of the CPI	1980 Act: shelter/child care cap indexed annually in Jan. based on Sept./Sept. change; 1979 Act: medical expenses over \$35 for elderly & disabled allowed, elderly and disabled not subject to the shelter deduction maximum	18% of earnings. shelter/child care cap act at \$115 with next inflation adjustment on 7-1-83, with following adjustmnt 10-1-84, each Oct. thereafter	Next inflation adjustmnt delayed until 10-1-83; limits on the use of standard utility expense allowances	20% of earnings. Separate cap on shelter deduction of \$147, with indexed increases. Separate cap on dependent cart of \$160. not indexed	Increased cap on shelter deduction for all households certified after October 1, 1987.	Dependent care deduction increased to \$160 per month per dependent, rather than per household.	No change	No change
<b>Standard Deduction<sup>a</sup></b>	None	\$60. Indexed semi-annually to CPI-nonfood components change	Indexed annually in January based on Sept. to Sept.		\$89. Next inflation adjustment delayed until 10-1-83	598.	\$102.	\$112.	\$116.	\$127.
<b>Benefit Reduction Rate</b>	Basis of issuance tables (average 30% above lowest levels)	30%	No change		No change	No change	No change	No change	No change	No change
<b>Accounting Period</b>	Prospective month	Prospective month	States' option: prospective or retrospective w/monthly report	Retrospective becomes mandatory 10-1-83 for some households. prospective for others	Migrant workers, elderly disabled households with no earnings exanpt from monthly reporting	Retrospective budgeting and monthly reporting required for households with earnings or work history except migrant farmers and elderly or disabled with earnings	Exempts from monthly reporting requirements seasonal farmworkers and households in which all members arc homeless.	No change	No change	No change

**TABLE B.1 (continued)**[illegible]

TABLE 9.1 (continued)

	Food Stamp Act of 1964 as Amended (PL 88-525)	Food Stamp Act of 1977 (PL 95-113) Effective 1-1-79	Food Stamp Amendments of 1979 and 1980 (PL 96-58 and PL 96-249)	OBRA of 1981 (PL 86-35) and Food Stamp Amendments and Reauthorization Act of 1981 (PL 97-98) Effective 10-1-81	Food Stamp Amendments of 1982 (PL 97-253) Effective 10-82 and Continuing Resolution of 1984 (PL 84-473)	1985 Food Security Act (PL 99-198) Effective 5-86	1987 Homeless Assistance Act (PL 100-97)	Hunger Prevention Act of 1988 (PL 100-435)	Farm, Agriculture, Conservation and Trade Act of 1990 and 1991 -- FACTA (PL 101-624)	Amendments to FACTA of 1991
<b>Other Changes</b>	Nationwide program	Elimination of purchase requirement	Increased state incentives for reducing error. <b>SSNs</b> required. <b>Limits</b> on eligible students; <b>residents</b> of shelters for <b>battered women &amp;</b> disabled in small groups may participate.	Tighter definition of household, no extra benefits for strikers, prorated first month benefits. Puerto Rico block grant: exempt from work registration for <b>selected</b> persons with young children.	<b>Incentives</b> for error rate reduction. <b>limits</b> student eligibility, <b>benefits rounded</b> down, job search requirements, Puerto Rico <b>cashout</b> prohibited. Household unit definition altered. No initial month benefit <b>less</b> than \$10. <b>SSI</b> a <b>SS COLA adjustments</b> disregarded up to 3 months. New definition of disabled.	<b>Selected</b> changes include: new definition of disabled. minor changes in <b>treatment</b> of income. tougher work <b>requirement</b> p&sons, new employment and training provision, Puerto Rico block grant funds, <b>students</b> in JTPA exempt from categorical restriction; <b>residents</b> of publicly operated mental health <b>centers</b> may participate.	<b>Outreach efforts</b> for homeless person? and other <b>hard-to-serve</b> groups. Simplified application process for these groups. Expanded eligibility for <b>expedited</b> source. Moved annual <b>adjustment</b> in income eligibility <b>guidelines</b> to October 1 of each year from July 1.	Expanded the definition of disabled. Excluded <b>advanced EITC payments</b> as income.	Automatic eligibility expanded to pure GA households. Non-liquid <b>resources</b> and those <b>exempted</b> by AFDC and <b>SSI</b> are not counted. Certain type of educational assistance are not counted as income. Rules for student eligibility <b>were</b> modified.	All Title IV payment <sup>5</sup> and Bureau of Indian Affairs educational assistance is excluded from food stamp countable income (Higher Education <b>Amendments</b> of 1992 (P.L. 102-325).

## **APPENDIX C**

### **Unweighted Sample Sizes for the IQCS Case Records and Unweighted Sample Sizes For The CPS**

TABLE C-1

UNWEIGHTED SAMPLE SIZES  
FOR THE IQCS CASE RECORDS

<b>Month/Year</b>	<b>IQCS Case Records</b>
September 1976	<b>11,038</b>
February 1978	14,211
August 1980	4,140
August 1982	7,224
August 1984	6,918
July/August 1986	11,010
July/August 1988	10,695
July/August 1990	10,639
July/August 1991	10,602
July/August 1992	9,586
July/August 1993	9,389

TABLE C-2

UNWEIGHTED SAMPLE SIZES  
FOR THE CPS

<b>Analysis Year</b>	<b>Eligible Households</b>	<b>All Households</b>
<b>1976</b>	12,276	<b>68,294</b>
1978	10,122	68,455
1980	11,372	81,451
1982	10,335	73,195
1984	9,719	74,568
1986	9,953	73,843
1988	8,751	70,454
1990	9,348	75,076
1991	9,714	74,236
1992	10,280	73,878
1993	10,172	73,126

**APPENDIXD**

**Numbers of FSP Participants and Eligibles  
Used to Calculate Participation Rates  
in 1990 through 1993**



## 1990 PARTICIPATION RATES

	QC Participants Households and Benefits	QC Adjusted Participants Households and Benefits	QC Number of Participants (1,000)	CPS (ELIGIBLES)	CPS Number of Eligible Individuals (1,000)	QC/CPS Participation Rate	Number of Participating Individuals (1,000)	Number of Eligible Individuals (1,000)	Participation Rate
TABLE 1: INDIVIDUAL, HOUSEHOLD, AND BENEFIT PARTICIPATION RATES									
Individuals(1,000)	20,736,677	20,395,682	20,396	36,811,041	36,811	55.41%	20,396	36,811	55.41%
Households( 1,000)	7,973,231	7,973,231	7,973	14,309,466	14,309	55.72%	7,973	14,309	55.72%
Benefits(1,000)	1,182,961,800	1,188,807,799	1,188,808	1,855,528,908	1,855,529	64.07%	1,188,808	1,855,529	64.07%
Average Household Size	2.60	2.56	2.56	2.57	2.57		3	3	
Average Per Capita Benefit	57.05	58.29	58.29	50.41	50.41		58	50	

TABLE 2: HOUSEHOLD PARTICIPATION RATES BY HOUSEHOLD SIZE

Household Size (number of persons)									
1	2,547,368	2,547,368	2,547	\$351,293	5,351	-47.60%	2,547	5,351	47.60%
2	1,806,309	1,806,309	1,806	2,981,436	2,981	60.59%	1,806	2,981	60.59%
3	1,597,489	1,597,489	1,597	2,190,865	2,191	72.92%	1,597	2,191	72.92%
4	1,031,830	1,031,830	1,032	1,796,390	1,796	57.44%	1,032	1,796	57.44%
5	612,382	612,382	612	1,013,578	1,014	60.42%	612	1,014	60.42%
6+	377,852	377,852	378	975,905	976	38.72%	378	976	38.72%
TOTAL	7,973,231	7,973,231		14,309,466					

# 1990 PARTICIPATION RATES

	QC Participants Households and Benefits	QC Adjusted Participants Households and Benefits	QC Number of Participants (1,000)	CPS (ELIGIBLES)	CPS Number of Eligible Individuals (1,000)	QC/CPS Participation Rate	Number of Participating Individuals (1,000)	Number of Eligible Individuals (1,000)	Participation Rate
TABLE 3: INDIVIDUAL PARTICIPATION RATES BY SELECTED DEMOGRAPHIC CHARACTERISTICS									
Elderly									
<b>Total</b>	<b>1,605,628</b>	<b>1,579,225</b>	1,579	<b>5,781,249</b>	5,781	27.32%	1,579	5,781	27.32%
Living Alone	<b>1,042,172</b>	<b>1,025,034</b>	1,025	<b>3,262,112</b>	3,262	31.42%	1,025	3,262	31.42%
Living with Others	563,457	554,191	554	<b>2,519,137</b>	2,519	22.00%	554	2,519	22.00%
<b>Children</b> under Age 18	<b>10,538,965</b>	<b>10,365,662</b>	10,366	<b>15,263,677</b>	15,264	67.91%	10,366	15,264	67.91%
Preschool	<b>3,542,571</b>	<b>3,484,316</b>	3,484	<b>5,073,548</b>	5,074	68.68%	3,484	5,074	68.68%
School-age	<b>6,996,395</b>	<b>6,881,346</b>	6,881	<b>10,190,129</b>	10,190	67.53%	6,881	10,190	67.53%
<b>Adults Age 18 to 59</b>	<b>8,592,084</b>	<b>8,450,795</b>	8,451	<b>15,766,115</b>	15,766	53.60%	8,451	15,766	53.60%
Missing Age	563,989	554,715	555	0	0		555	0	
Education of Adults									
<b>12 or more years</b>	<b>2,674,968</b>	<b>2,630,981</b>	2,631	<b>8,916,240</b>	8,916	<b>29.51%</b>	2,631	8,916	29.51%
<b>Less than 12 years</b>	<b>5,917,116</b>	<b>5,819,814</b>	5,820	<b>6,849,875</b>	6,850	84.96%	5,820	6,850	84.96%
Missing	233,685								
Employment Status of Adults									
<b>Employed</b>	<b>1,613,555</b>	<b>1,587,021</b>	1,587	<b>5,247,447</b>	5,247	30.24%	1,587	5,247	30.24%
<b>Unemployed</b>	44,992	44,252	44	1,783,692	1,784	2.48%	44	1,784	2.48%
<b>Not in the Labor Force</b>	6,933,537	<b>6,819,522</b>	6,820	<b>8,734,977</b>	8,735	78.07%	6,820	<b>8,735</b>	78.07%
Missing	<b>1,311,878</b>	<b>1,290,305</b>	1,290	0	0		1,290	0	
<b>Race/Ethnicity</b> of Head									
<b>White Nonhispanic</b> Head	<b>8,976,025</b>	<b>8,828,423</b>	8,828	<b>18,203,127</b>	18,203	48.50%	8,828	18,203	48.50%
Black Nonhispanic Head	<b>7,790,905</b>	<b>7,662,791</b>	7,663	<b>10,541,129</b>	10,541	72.69%	7,663	10,541	72.69%
Hispanic Head	<b>3,309,852</b>	<b>3,255,425</b>	3,255	<b>6,523,430</b>	6,523	49.90%	<b>3,255</b>	<b>6,523</b>	49.90%
<b>Other</b>	659,895	649,044	649	<b>1,543,354</b>	1,543	42.05%	649	1,543	42.05%
<b>Missing/Unknown</b>	404,658	398,004	398	0	0	ERR	398	0	
<b>Single</b> Adult With Children	<b>10,169,761</b>	<b>10,002,529</b>	10,003	13,726,752	13,727	72.87%	10,003	13,727	72.87%
Single Female Adult									
With Children	<b>9,735,542</b>	<b>9,575,450</b>	9,575	<b>12,474,536</b>	12,475	76.76%	9,575	12,475	76.76%
<b>Single</b> Male Adult									
With Children	434,220	427,079	427	<b>1,252,216</b>	1,252	34.11%	427	1,252	34.11%
Two or more Adults									
With Children	<b>6,293,138</b>	<b>6,189,654</b>	6,190	<b>12,576,007</b>	12,576	49.22%	6,190	12,576	49.22%
No Children	<b>3,863,165</b>	<b>3,799,639</b>	3,800	<b>10,311,974</b>	10,312	36.85%	3,800	10,312	36.85%
<b>Other</b>	410,612	403,860	404	196,308	196		404	196	
<b>Gender</b>									
Male	<b>8,341,577</b>	<b>8,204,408</b>	8,204	<b>15,766,384</b>	15,766	52.04%	8,204	15,766	<b>52.04%</b>
Female	12,995,095	<b>12,191,270</b>	12,191	<b>21,044,657</b>	21,045	57.93%	12,191	21,045	57.93%
<b>Missing/Unknown</b>	20,118	19,787	20	0	0		20	0	

## 1990 PARTICIPATION RATES

	QC Participants Households and Benefits	QC Adjusted Participants Households and Benefits	QC Number of Participants (1,000)	CPS (ELIGIBLES)	CPS Number of Eligible Individuals (1,000)	QC/CPS Participation Rate	Number of Participating Individuals (1,000)	Number of Eligible Individuals (1,000)	Participation Rate
TABLE 4: INDIVIDUAL PARTICIPATION RATES BY SELECTED ECONOMIC CHARACTERISTICS OF THE INDIVIDUAL'S FOOD STAMP UNIT									
<b>Income as a Percentage of Poverty</b>									
Total <= 100	19,046,045	18,732,851	18,733	27,435,429	27,435	68.28%	18,733	27,435	68.28%
0	1,152,030	1,133,086	1,133	3,089,341	3,089	36.68%	1,133	3,089	36.68%
1-50	7,571,258	7,446,756	7,447	9,406,405	9,406	79.17%	7,447	9,406	79.17%
51-100	10,922,757	10,153,009	10,153	14,939,682	14,940	67.96%	10,153	14,940	67.96%
Total > 100	1,690,632	1,662,831	1,663	9,375,613	9,376	17.74%	1,663	9,376	17.74%
101-130	1,613,660	1,587,125	1,587	8,267,424	8,267	19.20%	1,587	8,267	19.20%
131+	76,972	75,707	76	1,108,188	1,108	6.83%	76	1,108	6.83%
Frequency Missing	849			0					
<b>Monthly Household Benefit Level</b>									
<=\$10	487,343	479,329	479	2,404,957	2,405	19.93%	479	2,405	19.93%
\$11-25	407,731	401,027	401	1,012,409	1,012	39.61%	401	1,012	39.61%
\$26-50	982,503	966,347	966	2,126,205	2,126	45.45%	966	2,126	45.45%
\$51-75	935,506	920,123	920	2,298,454	2,298	40.03%	920	2,298	40.03%
\$76-100	2,132,988	2,097,913	2,098	3,902,880	3,903	53.75%	2,098	3,903	53.75%
\$101-150	2,763,778	2,718,331	2,718	4,681,519	4,682	58.07%	2,718	4,682	58.07%
\$151-200	3,704,627	3,643,708	3,644	5,512,656	5,513	66.10%	3,644	5,513	66.10%
\$201+	9,322,200	9,168,905	9,169	14,871,962	14,872	61.65%	9,169	14,872	61.65%
<b>Benefit Amount as % of Maximum Monthly Benefit</b>									
1% - 25%	0	0	0	0	0	ERR	0	0	ERR
26% - 50%	0	0	0	0	0	ERR	0	0	ERR
51% - 75%	0	0	0	0	0	ERR	0	0	ERR
76% - 99%	0	0	0	0	0	ERR	0	0	ERR
100%	0	0	0	0	0	ERR	0	0	ERR
<b>Household Income from</b>									
Earnings	5,177,375	5,092,238	5,092	17,159,526	17,160	29.68%	5,092	17,160	29.68%
Unemployment Compensation	438,290	431,083	431	1,674,830	1,675	25.74%	431	1,675	25.74%

# 1991 PARTICIPATION RATES

	QC Participants Households and Benefits	QC Adjusted Participants Households and Benefits	QC Number of Participants (1,000)	CPS (ELIGIBLES)	CPS Number of Eligible Individuals (1,000)	QC/CPS Participation Rate	Number of Participating Individuals (1,000)	Number of Eligible Individuals (1,000)	Participation Rate
TABLE 1: INDIVIDUAL, HOUSEHOLD, AND BENEFIT PARTICIPATION RATES									
Individuals(1,000)	24,157,376	23,364,394	23,364	40,162,836	40,163	58.17%	23,364	40,163	58.17%
Households(1,000)	9,204,022	9,204,282	9,204	15,354,122	15,354	59.95%	9,204	15,354	59.95%
Benefits(1,000)	1,487,828,265	1,471,406,000	1,471,406	2,172,250,672	2,172,251	67.74%	1,471,406	2,172,251	67.74%
Average Household Size	2.62	2.54	2.54	2.62	2.62		3	3	
Average Per Capita Benefit	61.59	62.98	62.98	54.09	54.09		63	54	

TABLE 2: HOUSEHOLD PARTICIPATION RATES BY HOUSEHOLD SIZE

Household Size (number of persons)									
1	2,942,815	2,942,898	2,943	5,552,672	5,553	53.00%	2,943	5,553	53.00%
2	2,035,390	2,035,448	2,035	3,183,347	3,183	63.94%	2,035	3,183	63.94%
3	1,839,476	1,839,528	1,840	2,332,184	2,332	78.88%	1,840		ERR
4	1,254,512	1,254,548	1,255	2,094,418	2,094	59.90%	1,255	2,094	59.90%
5	63 1,685	631,703	632	1,180,908	1,181	53.49%	632	1,181	53.49%
6+	500,142	500,156	500	1,010,594	1,011	49.49%	500	1,011	49.49%
TOTAL	9,204,022	9,204,282		15,354,122					

# 1991 PARTICIPATION RATES

	QC	QC	QC		CPS	QC/CPS	Number of	Number of	Participation
	Participants	Adjusted	Number of	CPS	Number of	Participation	Participating	Eligible	Rate
	Households end	Participants	Participants	(ELIGIBLES)	Eligible	Rate	Individuals	Individuals	Rate
	Benefits	Households and	(1,000)		Individuals		(1,000)	(1,000)	
		Benefits			(1,000)				

TABLE 3: INDIVIDUAL PARTICIPATION RATES BY SELECTED DEMOGRAPHIC CHARACTERISTICS

Elderly	24138388								
Total	<b>1,702,524</b>	<b>1,703,863</b>	<b>1,647,933</b>	1,648	6,100.208	6,100	27.01%	6,100	27.01%
Living Alone	<b>1,085,714</b>	<b>1,086,568</b>	<b>1,050,901</b>	1,051	<b>3,425,277</b>	3,425	<b>30.68%</b>	3,425	30.68%
Living with Others	616.810	617,295	597,032	597	<b>2,674,930</b>	2,675	22.32%	2,675	22.32%
<b>Children Under Age 18</b>	<b>12,618,423</b>	<b>12,628,349</b>	<b>12,213,815</b>	12,214	<b>16,567,448</b>	16,567	73.72%	16,567	73.72%
Preschool	<b>4,738,435</b>	<b>4,742,162</b>	<b>4,586,498</b>	4,586	<b>5,592,641</b>	5,593	<b>82.01%</b>	5,593	82.01%
School-age	<b>7,879,988</b>	<b>7,886,187</b>	<b>7,627,317</b>	7,627	<b>10,974,806</b>	10,975	69.50%	10,975	69.50%
<b>Adults Age 18 to 59</b>	<b>9,817,441</b>	<b>9,825,164</b>	<b>9,502,646</b>	9,503	<b>17,495,181</b>	17,495	54.32%	17,495	54.32%
Missing Age	18,988	18,988	18,365	18	0	0		18	0
Education of Adults	9817441								
12 or more years	<b>3,084,442</b>	<b>3,086,868</b>	2,985,540	2,986	46,138	46	6470.88%	46	6470.88%
Less than 12 years	<b>6,732,999</b>	6,738,295	<b>6,517,106</b>	6,517	<b>17,449,043</b>	17,449	37.35%	17,449	37.35%
Missing	7,723	7,723							
Employment Status of Adults	8544123								
Employed	<b>1,642,830</b>	<b>1,889,143</b>	<b>1,827,131</b>	1,827	<b>5,677,495</b>	5,677	32.18%	5,677	32.18%
Unemployed	31,871	36,649	35,446	35	<b>2,228,677</b>	2,229	1.59%	2,229	1.59%
Not in the Labor Force	<b>6,869,422</b>	<b>7,899,371</b>	<b>7,640,069</b>	7,640	<b>9,589,010</b>	9,589	79.68%	9,589	79.68%
Missing	<b>1,281,041</b>	<b>1,281,041</b>	<b>1,238,990</b>	1,239	0	0		1,239	0
<b>Race/Ethnicity of Head</b>	23617209.58								
White Nonhispanic Head	<b>10,683,087</b>	<b>10,837,539</b>	<b>10,481,790</b>	10,482	<b>19,787,917</b>	19,788	52.97%	19,788	52.97%
Black Nonhispanic Head	<b>7,922,255</b>	<b>8,036,792</b>	<b>7,772,979</b>	7,773	<b>11,264,753</b>	11,265	69.00%	11,265	69.00%
Hispanic Head	<b>3,922,015</b>	<b>3,978,718</b>	<b>3,848,114</b>	3,848	<b>7,297,150</b>	7,297	52.73%	7,297	52.73%
Gtha	<b>1,089,852</b>	<b>1,105,609</b>	<b>1,069,317</b>	1,069	<b>1,813,017</b>	1,813	58.98%	1,813	58.98%
Missing/Unknown	341,448	341,448	330,240	330	0	0	ERR	330	0
<b>Single Adult With Children</b>		<b>11,807,251</b>	<b>11,419,670</b>	11,420	<b>15,846,640</b>	15,847	72.06%	15,847	72.06%
Single Female Adult									
With Children		<b>11,322,610</b>	<b>10,950,937</b>	10,951	<b>14,309,502</b>	14,310	76.53%	14,310	76.53%
Single Male Adult									
With Children		484,641	468,733	469	<b>1,537,138</b>	1,537	30.49%	1,537	30.49%
Two or more Adults									
with Children		<b>7,810,405</b>	<b>7,554,024</b>	7,554	<b>13,220,031</b>	13,220	57.14%	13,220	57.14%
No Children		<b>4,015,181</b>	<b>3,883,380</b>	3,883	<b>10,861,301</b>	10,861	35.75%	10,861	35.75%
Other	24157375.58	524,539	507,321	507	234,863	235		507	235
Genda	24141725								
Male	<b>9,742,661</b>	<b>9,748,977</b>	9,428,960	9,429	<b>17,173,414</b>	17,173	54.90%	17,173	54.90%
Female	<b>14,399,064</b>	<b>14,408,399</b>	<b>13,935,434</b>	13,935	<b>22,989,422</b>	22,989	60.62%	22,989	60.62%
Missing/Unknown	15,651	15,651	15,137	15	0	0		15	0

# 1991 PARTICIPATION RATES

	QC Participants Households and Benefits	QC Adjusted Participants Households and Benefits	QC Number of Participants (1,000)	CPS (ELIGIBLES)	CPS Number of Eligible Individuals (1,000)	QC/CPS Participation Rate	Number of Participating Individuals (1,000)	Number of Eligible Individuals (1,000)	Participation Rate
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TABLE 4: INDIVIDUAL PARTICIPATION RATES BY SELECTED ECONOMIC CHARACTERISTICS OF THE INDIVIDUAL'S FOOD STAMP UNIT

## Income as a Percentage of Poverty

	24152090.72									
Total <= 100	22,097,395	22,102,230	21,376,710	21,377	30,049,268	30,049	71.14%	21,377	30,049	71.14%
0	1,493,266	1,493,593	1,444,565	1,445	3,432,630	3,433	42.08%	1,445	3,433	42.08%
1-50	9,168,930	9,170,937	8,869,895	8,870	10,253,652	10,254	86.50%	8,870	10,254	86.50%
51-100	11,435,198	11,437,701	11,062,250	11,062	16,362,986	16,363	67.61%	11,062	16,363	67.61%
Total > 100	2,054,696	2,055,146	1,987,684	1,988	10,113,569	10,114	19.65%	1,988	10,114	19.65%
101-130	2,001,114	2,001,552	1,935,850	1,936	8,949,178	8,949	21.63%	1,936	8,949	21.63%
131+	53,582	53,594	51,834	52	1,164,390	1,164	4.45%	52	1,164	4.45%
Frequency Missing	5285	0			0					

## Monthly Household Benefit Level

<=\$10	465,990	450,694	451	2,385,272	2,385	18.89%	451	2,385	18.89%	
\$11-25	535,624	518,042	518	1,074,868	1,075	48.20%	518	1,075	48.20%	
\$26-50	804,780	778,362	778	1,840,738	1,841	42.29%	778	1,841	42.29%	
\$51-75	1,043,994	1,009,724	1,010	2,284,489	2,284	44.20%	1,010	2,284	44.20%	
\$76-100	1,254,028	1,212,863	1,213	2,387,257	2,387	50.81%	1,213	2,387	50.81%	
\$101-150	3,481,888	3,367,592	3,368	6,441,512	6,442	52.28%	3,368	6,442	52.28%	
\$151-200	4,519,337	4,370,987	4,371	6,442,329	6,442	67.85%	4,371	6,442	67.85%	
\$201+	24157375.995	12,051,735	11,656,129	11,656	17,306,372	17,306	67.35%	11,656	17,306	67.35%

## Benefit Amount as % of Maximum Monthly Benefit

1% - 25%	1,866,433	1,805,166	1,805	6,513,866	6,514	27.71%	1,805	6,514	27.71%
26% - 50%	4,564,850	4,415,005	4,415	9,118,805	9,119	48.42%	4,415	9,119	48.42%
51% - 75%	6,700,267	6,480,326	6,480	9,999,097	9,999	64.81%	6,480	9,999	64.81%
76% - 99%	7,376,884	7,134,733	7,135	7,631,885	7,632	93.49%	7,135	7,632	93.49%
100%	3,648,942	3,529,163	3,529	6,899,184	6,899	51.15%	3,529	6,899	51.15%

## Household Income from Earnings Unemployment Compensation

Earnings	6,249,627	6,044,479	6,044	18,132,264	18,132	33.34%	6,044	18,132	33.34%
Unemployment Compensation	677,397	655,161	655	2,783,268	2,783	23.54%	655	2,783	23.54%

**1992 REWEIGHTED PARTICIPATION RATES**

	QC Participants Households and Benefits	QC Adjusted Partiipsnts Households and Benefits	QC Number of CPS Participants (ELIGIBLES) (1,000)	CPS Number of Eligible Indiiduals (1,000)	QC/CPS Participation Rate	Number of Participating Individuals (1,000)	Number of Eligible Individuals (1,000)	Participation Rate		
TABLE 4: INDIVIDUAL PARTICIPATION RATES BY SELECTED ECONOMIC CHARACTERISTICS OF THE INDIVIDUAL'S FOOD STAMP UNIT										
Income as a Percentage of Poverty	26089704.515									
Total <= 100	24,014,324	24,015,678	23,709,557	23,710	32,078,873	32,079	73.91%	23,710	32,079	73.91%
0	1,745,361	1,745,459	1,723,210	1,723	3,477,578	3,478	49.55%	1,723	3,478	49.55%
1-50	9,396,712	9,397,242	9,277,458	9,277	11,530,104	11,530	60.46%	9,277	11,530	60.46%
51-100	12,872,251	12,872,977	12,708,889	12,709	17,071,190	17,071	74.45%	12,709	17,071	74.45%
Total > 100	2,075,381	2,075,498	2,049,042	2,049	11,395,486	11,395	17.96%	2,049	11,395	17.98%
101-130	1,991,453	1,991,566	1,966,180	1,966	10,175,426	10,175	19.32%	1,966	10,175	19.32%
131+	63,928	83,932	82,862	83	1,220,060	1,220	6.79%	83	1,220	6.79%
Frequency Missing	1471	0								
Monthly Household Benefit Level										
<=\$10		490,950	484,692	485	2,525,048	2,525	19.20%	485	2,525	19.20%
\$11-25		525,501	518,803	519	1,103,033	1,103	47.03%	519	1,103	47.03%
\$26-50		832,158	621,550	822	2,041,853	2,042	40.24%	822	2,042	40.24%
\$51-75		845,506	834,729	835	2,275,847	2,276	36.68%	835	2,276	36.66%
\$76-100		1,203,336	1,187,998	1,188	2,571,297	2,571	48.20%	1,188	2,571	46.20%
\$101-150		3,614,204	3,568,135	3,568	6,452,813	6,453	55.30%	3,568	6,453	55.30%
\$151-200		4,252,325	4,198,122	4,198	4,994,023	4,994	84.06%	4,198	4,994	84.06%
\$201+	26091175.39	14,327,195	14,144,571	14,145	21,510,445	21,510	65.76%	14,145	21,510	65.76%
Benefit Amount as % of Maximum Monthly Benefit										
1% - 25%		2,042,140	2,016,109	2,016	6,719,614	6,729	30.00%	2,016	6,720	30.00%
26% - 50%		4,230,278	4,176,356	4,176	10,038,516	10,039	41.60%	4,176	10,039	41.60%
51% - 75%		7,614,455	7,517,395	7,517	9,882,975	9,883	76.06%	7,517	9,883	76.06%
76% - 99%		7,897,373	7,796,707	7,797	8,050,749	8,051	96.84%	7,797	8,051	96.84%
160%		4,306,930	4,252,031	4,252	8,782,506	8,763	48.41%	4,252	8,783	48.41%
Household Income from Earnings										
		7,004,250	6,914,969	6,915	19,950,337	19,950	34.66%	6,915	19,950	34.68%
Unemployment Comp.		972,718	960,319	960	3,551,918	3,552	27.04%	960	3,552	27.04%
AFDC		13,577,476	13,404,408	13,404	12,366,525	12,367	108.39%	13,404	12,367	108.39%
SSI (non-elderly)		2,583,992	2,551,055	2,551	3,445,116	3,445	74.05%	2,551	3,445	74.05%

# 1992 REWEIGHTED PARTICIPATION RATES

	QC	QC	QC		CPS	QC/CPS				
	Participants	Adjusted	Number of		Number of	Participation	Number of	Number of		Participation
	Households and	Participants	Participants	CPS	Eligible	Rate	Participating	Eligible		Rate
	Benefits	Households and	(1,000)	(ELIGIBLES)	Individuals		Individuals	Individuals	(1,000)	
		Benefits			(1,000)		(1,000)	(1,000)		

TABLE 3: INDIVIDUAL PARTICIPATION RATES BY SELECTED DEMOGRAPHIC CHARACTERISTICS

Total	26667838									
Elderly	1,733,633	1,735,185	1,713,087	1,713	6,658,443	6,658	25.73%	1,713	6,658	25.73%
Living Alone	1,178,488	1,179,543	1,164,508	1,185	3,605,748	3,606	32.30%	1,165	3,606	32.30%
Living with Others	555,145	555,642	548,559	549	3,052,695	3,053	17.97%	549	3,053	17.97%
Children Under Age 18	13,490,075	13,502,153	13,330,045	13,330	17,797,124	17,797	74.90%	13,330	17,797	74.90%
Preschool	5,206,540	5,211,202	5,144,776	5,145	6,220,860	6,221	82.70%	5,145	6,221	82.70%
School-age	8,283,535	8,290,952	8,185,269	8,185	11,576,265	11,576	70.71%	8,185	11,576	70.71%
Adults Age 18 to 59	10,844,128	10,853,837	10,715,486	10,715	19,018,793	19,019	56.34%	10,715	19,019	56.34%
Missing Age	23,339	23,339	23,042	23	0	0		23	0	
Education of Adults	0									
12 or more years		2,948,582	2,910,997	2,911	11,507,162	11,507	25.30%	2,911	11,507	25.30%
Less than 12 years		7,895,546	7,794,904	7,795	7,511,630	7,512	103.77%	7,795	7,512	103.77%
Missing		0			0					
Employment Status of	10,684,910									
Employed	1,890,849	1,920,743	1,896,260	1,896	6,256,416	6,256	30.31%	1,896	6,256	30.31%
Unemployed	1,259,092	1,278,998	1,262,695	1,263	2,482,365	2,482	50.87%	1,263	2,482	50.87%
Not in the Labor Force	7,534,969	7,654,096	7,556,531	7,557	10,280,012	10,280	73.51%	7,557	10,280	73.51%
Missing	168,927	168,927	166,774	187	0	0		167	0	
Race/Ethnicity of Head	26,091,175.39									
White Nonhispanic He	11,008,973	11,437,491	11,291,700	11,292	21,159,709	21,160	53.36%	11,292	21,180	53.36%
Black Nonhispanic He	9467,452	9,835,967	9,710,591	9,711	12,139,217	12,139	79.99%	9,711	12,139	79.99%
Hispanic Head	3,536,893	3,674,356	3,627,520	3,828	8,451,569	8,452	42.92%	3,628	8,452	42.92%
Other	1,062,474	1,103,831	1,089,760	1,090	1,723,864	1,724	83.22%	1,090	1,724	63.22%
Missing/Unknown	1,015,583	1,015,583	1,002,638	1,003	0	0	0	1,003	0	
Single Adult With Children		12,819,660	12,656,251	12,658	17,166,693	17,167	73.73%	12,656	17,167	73.73%
Single Female Adult										
With Children		12,259,622	12,103,352	12,103	15,117,489	15,117	80.08%	12,103	15,117	80.08%
Single Male Adult										
With Children		560,038	552,899	553	2,049,204	2,049	26.98%	553	2,049	26.98%
Two or more Adults										
With Children		7,911,323	7,810,480	7,810	14,187,275	14,187	55.05%	7,810	14,187	55.05%
No Children		4,648,757	4,589,501	4,590	12,086,786	12,087	37.97%	4,590	12,087	37.97%
Other	26,091,175.425	711,435	702,367	702	33,665	34		702	34	
Gender	28,086,224.12									
Male	10,692,029	10,694,058	10,557,744	10,558	18,538,801	18,539	56.95%	10,558	18,539	56.95%
Female	15,394,195	15,397,117	15,200,855	15,201	24,935,558	24,936	80.96%	15,201	24,936	60.96%
Missing/Unknown	4,951	4,951	4,888	5	0	0		5	0	



# 1992 REWEIGHTED PARTICIPATION RATES

	QC Participants Households and Benefits	QC Adjusted Participants Households and Benefits	QC Number of Participants (1,000)	CPS (ELIGIBLES)	CPS Number of Eligible Individuals (1,000)	QC/CPS Participation Rate	Number of Participating Individuals (1,000)	Number of Eligible Individuals (1,000)	Participation Rate
TABLE 1: INDIVIDUAL, HOUSEHOLD, AND BENEFIT PARTICIPATION RATES									
Individuals(1,000)	26,091,175	25,758,599	25,759	43,474,359	43,474	59.25%	25,759	43,474	59.25%
Households(1,000)	10,238,401	10,238,402	10,238	16,626,805	16,627	61.58%	10,238	16,627	61.58%
Benefits(1,000)	1,730,187,302	1,749,058,375	1,749,058	2,491,670,921	2,491,671	70.20%	1,749,058	2,491,671	70.20%
Average Household Size	2.55	2.52	2.52	2.61	2.61		3	3	
Average Per Capita Benefit	66.31	67.90	67.90	57.31	57.31		68	57	

TABLE 2: HOUSEHOLD PARTICIPATION RATES BY HOUSEHOLD SIZE

Household Size (number of persons)									
1	3,448,409	3,448,410	3,448	5,842,832	5,843	59.02%	3,448	5,843	59.02%
2	2,338,351	2,338,351	2,338	3,670,231	3,670	63.71%	2,338	3,670	63.71%
3	1,924,453	1,924,454	1,924	2,643,819	2,644	72.79%	1,924	2,644	72.79%
4	1,335,587	1,335,587	1,336	2,093,002	2,093	63.81%	1,336	2,093	63.81%
5	681,273	681,273	681	1,267,402	1,267	53.75%	681	1,267	53.75%
6+	510,327	510,327	510	1,109,519	1,110	46.00%	510	1,110	46.00%
TOTAL	10,238,401	10,238,402		16,626,805					

# 1992 PARTICIPATION RATES

	QC Participants Households and Benefits	QC Adjusted Participants Households and Benefits	QC Number of CPS Participants (ELIGIBLES) (1,000)	CPS Number of Eligible Individuals (1,000)	of QC/CPS Participation Rate	Number of Participating Individuals (1,000)	Number of Eligible Individuals (1,000)	Participation Rate	
TABLE 4: INDIVIDUAL PARTICIPATION RATES BY SELECTED ECONOMIC CHARACTERISTICS OF THE INDIVIDUAL'S FOOD STAMP UNIT									
Income as a Percentage of Poverty									
Total <= 100	24,015,678	23,709,557	23,710	31,349,665	31,350	75.63%	23,710	31,350	75.63%
0	1,745,459	1,723,210	1,723	3,393,875	3,394	50.77%	1,723	3,394	50.77%
1-50	3,397,242	9,277,458	9,277	11,222,981	11,223	82.66%	9,277	11,223	82.66%
51-100	12,872,977	1~708,889	12,709	16,732,809	16,733	75.95%	12,709	16,733	75.95%
Total > 100	2,075,498	2,049,042	2,049	11,201,466	11,201	18.29%	2,049	11,201	18.29%
101-130	1,991,566	1,966,180	1,966	9,986,730	9,987	19.69%	1,966	9,987	19.69%
131+	83,932	82,862	a3	1,214,736	1,215	6.82%	a3	1,215	6.12%
Frequency Missing	0			0					
Monthly Household Benefit Level									
<=\$10	490,950	484,692	485	2,533,135	2,533	19.13%	485	2,533	19.13%
\$11-25	525,501	518,803	519	1,103,944	1,104	47.00%	519	1,104	47.00%
\$26-50	832,158	821,550	a22	2,039,868	2,040	40.27%	a22	2,040	40.27%
\$51-75	845,506	834,729	835	2,257,544	2,258	36.98%	a35	2,258	36.98%
\$76-100	1,203,336	1,187,998	1,188	2,533,706	2,534	46.89%	1,188	2,534	46.89%
\$101-150	3,614,204	3,568,135	3,568	6,354,849	6,355	56.15%	3,568	6,355	56.15%
\$151-200	4,252,325	4,198,122	4,198	4,862,143	4,862	86.34%	4,198	4,862	86.34%
\$201+	14,327,19s	14,144,571	14,14s	20,865,941	20,866	67.79%	14,145	20,866	61.19%
Benefit Amount as % of Maximum Monthly Benefit									
1% - 25%	2,042,140	2,016,109	2,016	6,675,293	6,675	30.20%	2,016	6,675	30.20%
26% - 50%	4,230,278	4,176,356	4,176	9,841,073	9,841	42.44%	4,176	9,841	42.44%
51% - 75%	7,614,455	7,517,395	7,517	9,630,961	9,631	78.05%	7,517	9,631	78.05%
16% - 99%	7,897,373	7,796,707	7,797	7,823,436	7,823	99.66%	7,797	7,823	99.66%
100%	4,306,930	4,252,031	4,252	8,580,386	8,580	49.56%	4,252	8,580	49.56%
Household Income from									
Earnings	7,004,250	6,914,969	6,915	19,391,391	19,391	35.66%	6,915	19,391	35.66%
Unemployment Compensation	972,718	960,319	960	3,466,730	3,467	27.70%	960	3,461	27.70%

# 1992 PARTICIPATION RATES

	QC Participants Households and Benefits	QC Adjusted Participants Households and Benefits	QC Number of C P S Participants (ELIGIBLES) (1,000)	CPS Number of Eligible Individuals (1,000)	QC/CPS Participation Rate	Number of Participating Individuals (1,000)	Number of Eligible Individuals (1,000)	Participation Rate	
TABLE 3: INDIVIDUAL PARTICIPATION RATES BY SELECTED DEMOGRAPHIC CHARACTERISTICS									
Total									
Elderly	1,735,185	1,713,067	1,713	6,716,642	6.717	25.50%	1,713	6,717	25.50%
Living Alone	1,179,543	1,164,508	1,165	3,636,926	3,637	32.02%	1,165	3,637	32.02%
Living with Others	555,642	548,559	549	3,079,716	3,080	17.81%	549	3,080	17.81%
Children Under Age 18	13,502,153	13,330,045	13,330	17,270,036	17,270	77.19%	13,330	17,270	77.19%
Preschool	5,211,202	5,144,776	5,145	5,979,023	5,979	86.05%	5,145	5,979	86.05%
School-age	8,290,952	8,185,269	8,185	11,291,012	11,291	72.49%	8,185	11,291	72.49%
Adults Age 18 to 59	10,853,837	10,715,486	10,715	18,564,453	18,564	57.72%	10,715	18,564	57.72%
Missing Age	23,339	23,042	23	-0	0		23	0	
Education of Adults									
12 or more years	ERR	ERR	ERR	46,631	47	ERR	ERR	47	ERR
Less than 12 years	ERR	BRR	BRR	18,517,822	18,518	ERR	ERR	18,518	ERR
Missing	0								
Employment Status of Adults									
Employed	1,920,743	1,896,260	1,896	6,099,683	6,100	31.09%	1,896	6,100	31.09%
Unemployed	1,278,998	1,262,695	1,263	2,429,067	2,429	51.98%	1,263	2,429	51.98%
Not in the Labor Force	7,654,096	7,556,531	7,557	10,035,703	10,036	75.30%	7,557	10,036	75.30%
Missing	168,927	166,774	167	0	0		167	0	
Race/Ethnicity of Head									
White Nonhispanic Head	11,437,491	11,291,700	11,292	21,252,191	21,252	53.13%	11,292	21,252	53.13%
Black Nonhispanic Head	9,835,967	9,710,591	9,711	11,968,479	11,968	81.13%	9,711	11,968	81.13%
Hispanic Head	3,674,356	3,627,520	3,628	7,753,297	7,753	46.79%	3,628	7,753	46.79%
Other	1,103,831	1,089,760	1,090	1,577,163	1,577	69.10%	1,090	1,577	69.10%
Missing/Unknown	1,015,583	1,002,638	1,003	0	0	ERR	1,003	0	
Single Adult With Children	12,819,660	12,656,251	12,656	16,726,941	16,727	75.66%	12,656	16,727	75.66%
Single Female Adult									
With Children	12,259,622	12,103,352	12,103	14,731,398	14,731	82.16%	12,103	14,731	82.16%
Single Male Adult									
With Children	560,038	552,899	553	1,995,544	1,996	27.71%	553	1,996	27.71%
Two or more Adults									
With Children	7,911,323	7,810,480	7,810	13,717,114	13,717	56.94%	7,810	13,717	56.94%
No Children	4,648,757	4,589,501	4,590	12,073,936	12,074	38.01%	4,590	12,074	38.01%
Other	71,143	702,367	702	33,140	33		702	33	
Gender									
Male	10,694,058	10,557,744	10,558	18,108,800	18,109	58.30%	10,558	18,109	58.30%
Female	15,397,117	15,200,855	15,201	24,442,331	24,442	62.19%	15,201	24,442	62.19%
Missing/Unknown	4,951	4,888	5	0	0		5	0	

## 1992 PARTICIPATION RATES

	QC Participants Households and Benefits	QC Adjusted Participants Households and Benefits	QC Number of Participants (1,000)	CPS (ELIGIBLES)	CPS Number of Eligible Individuals (1,000)	QC/CPS Participation Rate	Number of Participating Individuals (1,000)	Number of Eligible Individuals (1,000)	Participation Rate
<b>TABLE 1: INDIVIDUAL, HOUSEHOLD, AND BENEFIT PARTICIPATION RATES</b>									
<b>Individuals(1,000)</b>	<b>26,091,175</b>	<b>25,758,599</b>	25,159	<b>42,551,131</b>	42,551	60.54%	25,759	42,551	<b>60.54%</b>
<b>Households(1,000)</b>	<b>10,238,401</b>	<b>10,238,402</b>	<b>10,238</b>	<b>16,411,588</b>	16,412	62.39%	<b>10,238</b>	16,412	62.39%
Benefits(1,000)	<b>1,730,187,302</b>	<b>1,749,058,375</b>	<b>1,749,058</b>	<b>2,434,061,293</b>	<b>2,434,061</b>	71.86%	<b>1,749,058</b>	<b>2,434,061</b>	<b>71.86%</b>
<b>Average Household Size</b>	2.55	2.52	2.52	2.59	2.59		3	3	
<b>Average Pa Capita Benefit</b>	66.31	67.90	<b>67.90</b>	57.20	57.20		68	<b>57</b>	

**TABLE 2: HOUSEHOLD PARTICIPATION RATES BY HOUSEHOLD SIZE**

Household Size (number of persons)									
<b>1</b>	<b>3,448,409</b>	<b>3,448,410</b>	3,448	<b>5,857,997</b>	<b>5,858</b>	<b>58.87%</b>	3,448	<b>5,858</b>	<b>58.87%</b>
<b>2</b>	<b>2,338,351</b>	<b>2,338,351</b>	2,338	<b>3,636,602</b>	3,637	<b>64.30%</b>	2,338	3,637	<b>64.30%</b>
<b>3</b>	<b>1,924,453</b>	<b>1,924,454</b>	1,924	2,578,439	<b>2,578</b>	14.64%	1,924	<b>2,578</b>	74.64%
<b>4</b>	<b>1,335,587</b>	<b>1,335,587</b>	1,336	<b>2,034,000</b>	2,034	65.66%	1,336	2,034	65.66%
<b>5</b>	<b>681,273</b>	681,273	<b>681</b>	<b>1,234,570</b>	1,235	<b>55.18%</b>	<b>681</b>	1,235	<b>55.18%</b>
<b>6+</b>	510,327	510,327	510	<b>1,069,980</b>	1,070	<b>47.70%</b>	510	1,070	<b>47.70%</b>
<b>TOTAL</b>	<b>10,238,401</b>	<b>10,238,402</b>		<b>16,411,587</b>					

# 1993 PARTICIPATION RATES

QC Participants Households and Benefits	QC Adjusted Participants Households and Benefits	QC Number of CPS Participants (ELIGIBLES) (1,000)	CPS Number of Eligible Individuals (1,000)	QC/CPS Participation Rate	Number of Participating Individuals (1,000)	Number of Eligible Individuals (1,000)	Participation Rate
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TABLE 4: INDIVIDUAL PARTICIPATION RATES BY SELECTED ECONOMIC CHARACTERISTICS OF THE INDIVIDUAL'S FOOD STAMP UNIT

## Income as a Percentage of Poverty

Total <= 100	28154156.535	25,858,826	25,037,426	25,037	32,986,469	32,986	75.90%	25,037	32,986	75.90%
0	1,621,323	1,621,223	1,569,725	1,570	3,877,710	3,878	40.48%	1,570	3,878	40.48%
1-50	10,585,745	10,585,745	10,249,491	10,249	11,696,560	11,697	87.63%	10,249	11,697	87.63%
51-100	13,651,858	13,651,858	13,218,210	13,218	17,412,198	17,412	75.91%	13,218	17,412	75.91%
Total > 100	2295.331	2295.331	2,222,420	2,222	12,254,808	12,255	18.14%	2,222	12,255	18.14%
101-130	2,208,069	2,208,069	2,137,930	2,138	14,744,093	10,744	19.90%	2,138	10,744	19.90%
131+	87.262	87.262	84,490	84	1,510,715	1,511	5.59%	84	1,511	5.59%
Frequency Missing	0	0			0					

## Monthly Household Benefit Level

<=\$10		567,581	549,552	550	2,891,491	2,891	19.01%	550	2,891	19.01%
\$11-25		559,198	541,435	541	1,075,481	1,075	50.34%	541	1,075	50.34%
\$26-50		963,946	933,327	933	2,211,500	2,211	42.20%	933	2,211	42.20%
\$51-75		937,913	908,121	908	2,593,799	2,594	35.01%	908	2,594	35.01%
\$76-100		1,131,011	1,095,085	1,095	2,851,540	2,852	38.40%	1,095	2,852	38.40%
\$101-150		4,264,248	4,128,795	4,129	6,909,539	6,910	59.75%	4,129	6,910	59.75%
\$151-200		4,061,445	3,932,434	3,932	5,140,053	5,140	76.51%	3,932	5,140	76.51%
\$201+	28154156.595	15,668,814	15,171,098	15,171	21,567,873	21,568	70.34%	15,171	21,568	70.34%

## Benefit Amount as % of Maximum Monthly Benefit

1% - 25%	2307,294	2234,003	2,234	8,257,883	8,258	27.05%	2,234	8,258	27.05%
26% - 50%	4,489,648	4,347,035	4,347	9,881,200	9,881	43.99%	4,347	9,881	43.99%
51% - 75%	8,609,801	8,336,313	8,336	10,335,873	10,336	80.65%	8,336	10,336	80.65%
76% - 99%	8,089,154	7,832,204	7,832	8,153,776	8,154	96.06%	7,832	8,154	96.06%
100%	4,658,260	4,510,291	4,510	8,612,544	8,613	52.37%	4,510	8,613	52.37%

## Household Income from

Earnings	7,739,226	7,493,391	7,493	21,171,832	21,172	35.39%	7,493	21,172	35.39%
Unemployment Comp	1,102,884	1,067,851	1,068	3,065,305	3,065	34.84%	1,068	3,065	34.84%
AFDC	14,587,717	14,124,341	14,124	12,297,204	12,297	114.86%	14,124	12,297	114.86%
SSI(non elderly)	3,246,668	3,143,538	3,144	3,982,306	3,982	78.94%	3,144	3,982	78.94%

# 1993 PARTICIPATION RATES

	QC	QC	QC	CPS	QC/CPS	Number of	Number of	Number of		
	Participants	Adjusted	Participants	Number of C P S	Number of	Participation	Participating	Eligible	Participation	
	Households and	Households and	Participants	(ELIGIBLES)	Eligible	Rate	Individuals	Individuals	Rate	
	Benefits	Benefits	(1,000)		Individuals		(1,000)	(1,000)		
TABLE 3: INDIVIDUAL PARTICIPATION RATES BY SELECTED DEMOGRAPHIC CHARACTERISTICS										
Total	28126290									
Elderly	1,957,935	1,959,875	1,897,620	1,898	6,715,214	6.715	28.26%	1,898	6,715	28.26%
Living Alone	1,255,648	1,256,892	1,216,967	1,217	3,621,416	3.621	33.60%	1,217	3,621	33.60%
Living with Others	702,287	702,983	680,653	681	3,093,799	3.094	22.00%	681	3,094	22.00%
Children Under Age 18	14,458,468	14,472,793	14,013,068	14,013	18,785,230	18,785	74.60%	14,013	18,785	74.60%
Preschool	5,571,631	5,577,151	5,399,994	5,400	6,239,379	6.239	86.55%	5,400	6,239	86.55%
School-age	8,886,837	8,895,642	8,613,074	8,613	12,545,851	12,546	68.65%	8,613	12,546	68.65%
Adults Age 18 to 59	11,709,887	11,721,489	11,349,158	11,349	19,740,832	19,741	57.49%	11,349	19,741	57.49%
Missing Age	27,867	0	0	0	0	0		0	0	
Education of Adults	11709887									
12 or more years	3,509,539	3,513,016	3,401,426	3,401	12,032,810	12,033	28.27%	3,401	12,033	28.27%
Less than 12 years	8,200,348	8,208,473	7,947,732	7,948	7,708,023	7,708	103.11%	7,948	7,708	103.11%
Missing	11,602	0								
Employment Status of Adults	11466446									
Employed	2,098,772	2,145,454	2,077,304	2,077	6,656,518	6,657	31.21%	2,077	6,657	31.21%
Unemployed	1,264,124	1,292,241	1,251,194	1,251	2,425,020	2,425	51.60%	1,251	2,425	51.60%
Not in the Labor Force	8,103,550	8,283,793	8,020,661	8,021	10,659,294	10,659	75.25%	8,021	10,659	75.25%
Mining	255,043	0	0	0	0	0		0	0	
Race/Ethnicity of Head	28154156.525									
White Nonhispanic Head	12,077,716	12,268,579	11,878,870	11,879	22,278,940	22,279	53.32%	11,879	22,279	53.32%
Black Nonhispanic Head	9,896,254	10,052,644	9,733,324	9,733	12,161,699	12,162	80.03%	9,733	12,162	80.03%
Hispanic Head	4,568,262	4,742,034	4,591,404	4,591	8,985,584	8,990	51.07%	4,591	8,990	51.07%
Other	1,067,007	1,083,869	1,049,440	1,049	1,811,054	1,811	57.95%	1,049	1,811	57.95%
Missing/Unknown	444,917	0	0	0	0	0		0	0	
Single Adult With Children		13,663,050	13,229,046	13,229	18,071,380	18,071	73.20%	13,229	18,071	73.20%
Single Female Adult										
With Children		13,057,811	12,643,033	12,643	15,967,645	15,968	79.18%	12,643	15,968	79.18%
Single Male Adult										
With Children		605,239	586,013	586	2,103,735	2,104	27.86%	586	2,104	27.86%
Two or more Adults										
With Children		8,870,005	8,588,251	8,588	14,965,584	14,966	57.39%	8,588	14,966	57.39%
No Children		5,011,778	4,852,580	4,853	12,162,982	12,163	39.90%	4,853	12,163	39.90%
Other	28154156.525	609,324	589,969	590	41,331	41		590	41	
Gender	28141815									
Male	11,596,279	11,601,365	11,232,850	11,233	19,154,728	19,155	58.64%	11,233	19,155	58.64%
Female	16,545,536	16,552,792	16,026,996	16,027	26,086,549	26,087	61.44%	16,027	26,087	61.44%
Missing/Unknown	12,342	0	0	0	(0)	(0)		0	(0)	

# 1993 PARTICIPATION RATES

	QC Participants Households and Benefits	QC Adjusted Participants Household, and Benefits	QC Number of Participants (1,000)	CPS (ELIGIBLES)	CPS Number of Eligible Individuals (1,000)	QC/CPS Participation Rate	Number of Participating Individuals (1,000)	Number of Eligible Individuals (1,000)	Participation Rate
TABLE 1: INDIVIDUAL, HOUSEHOLD, AND BENEFIT PARTICIPATION RATES									
Individuals(1,000)	28,154,157	27,259,846	27,260	45,241,277	45,241	60.25%	27,260	45,241	60.25%
Households(1,000)	10,900,249	14900.031	10,900	17,031,203	17,031	64.00%	10,900	17,031	64.00%
Benefits(1,000)	1,846,951,964	1,839,468,949	1,839,469	2,515,761,147	2,515,761	73.12%	1,839,469	2,515,761	73.12%
Average Household Size	2.58	2.50	2.50	2.66	2.66		3	3	
Average Pa	65.60	67.48	67.48	55.61	55.61		67	56	
Capita Benefit									

TABLE 2: HOUSEHOLD PARTICIPATION BATES BY HOUSEHOLD SIZE

Household Size (number of persons)									
1	3,471,240	3,471,170	3,471	5,875,457	5,875	59.08%	3,471	5,875	59.08%
2	2,613,784	2,613,731	2,614	3,678,088	3,678	71.06%	2,614	3,678	71.06%
3	2,093,862	2,093,820	2,094	2,662,610	2,663	78.64%	2,094	2,663	78.64%
4	1,471,804	1,471,775	1,472	2,266,698	2,267	64.93%	1,472	2,267	64.93%
5	695,643	695,629	6 %	1,411,159	1,411	49.29%	696	1,411	49.29%
6+	553,917	553,906	554	1,137,191	1,137	48.71%	554	1,137	48.71%
TOTAL	10,900,249	19900.031		17,031,203					